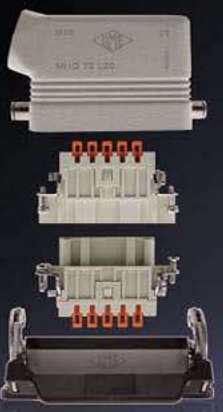
MENCOM CORPORATION

INDUSTRIAL CONNECTION PRODUCTS

no problems, only solutions

Junction Blocks | **Rectangular Connectors** | **Panel Interface Connectors** | **DIN Rail Interface Modules**









Cables & Receptacles

MIN Power
MIL-Spec
MIN Size I, II, III
M23
Micro
Nano
Network
Ethernet
Solenoid Valve





Field Wireables & Cable Glands





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WHY MENCOM?

Competitive Pricing | Custom Solutions
Industry Leading Technical Support

ABOUT MENCOM



Since 1987, Mencom Corporation has provided high quality, cost effective, industrial electrical connector solutions. Our commitment to quality and customer service has made Mencom a preferred supplier for many global companies. Mencom provides expert engineering support and technically savvy customer service that is unmatched in the industry. For your next connector application, give us a call and let us show you the power of Mencom.

no problems, only solutions



This isn't just our slogan. This is a proactive commitment to our valued customers.
Few things are worse than arriving on the jobsite with incorrect or insufficient materials. Our inside sales reps have the experience to help you select the most efficient and cost effective solutions available. They are trained to make sure you include all the correct components required to complete your project.

During regular business hours, you will always be greeted by a live person when contacting Mencom. We also staff our on-line chat function in order to assist you with any questions you might have while taking advantage of our inventory enabled website.
A team of Inside Sales Representatives and Account Specialists are on hand to help you meet your connector needs. Whether it is a quote on a special project, expediting an order, or helping to customize connectors for an application, Mencom is here to help you.

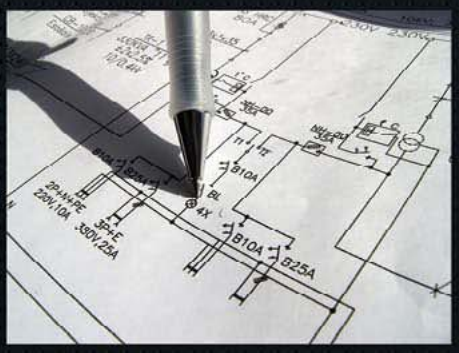


FLEXIBLE CUSTOM SOLUTIONS

Mencom is fortunate to have a capable team of engineers with decades of experience. Combined with a progressive manufacturing facility, we are able to assist in the design and manufacturing of most any connectivity project. Our engineering team is available to work with your design and manufacturing groups to help solve your challenging connection issues. From small changes in catalog items, to custom terminations and assemblies.

- Custom Lengths for cables and receptacle leads
- Custom over-molding onto customer cables and sensors
- Plug & Play customization – to meet your spec
- Adding ring terminals, spade terminals, ferrules
- And more

These are just a few examples of the value added features Mencom can provide. We welcome the opportunity to see what solutions we can provide for your next project.



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Mencom Corporation

no problems, only solutions

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Notes:

MIN Series

Size I (7/8”-16UN), Size II (1”-16UN), Size III (1 1/8”-16UN), PMIN (1 3/8”-16UN)

UL File #:
E149111

c UL us LISTED

The MIN-Series is so named because they are generally referred to in the industry as MINI-Change, 7/8” connectors, or Mini connectors. The MIN series can be used for transmission of signal and/or power.
The MIN-Series is a popular connector choice for machine safety components, lighting, Bus Networks, robots, and numerous other applications.
Our MIN-Series is available in 2~14 and 19 pole versions, divided into 4 different sizes.

Connector Sizes

SIZE I connectors include 2, 3, 4, 5, 6 & 14 pole versions. All of the Size I connectors are based on a 1” hex for the receptacles and utilize a 7/8” UN mating thread.

SIZE II connectors include a larger 6 pole, along with 7 & 8 pole versions. The Size II connectors are based on a 1.125” hex for the receptacles and utilize a 1” UN mating thread.

SIZE III connectors include 9, 10, 12 & 19 pole versions. The Size III connectors are based on a 1.25” hex for the receptacles and utilize a 1 1/8” UN mating thread.

MIN Power connectors include 3, 4 & 7 pole versions.
The MINH 3, 4 pole connectors are based on a 7/8”-16 mating thread & 1” hex for the receptacles and utilize a 7/8”-16 mating thread & 1” coupling nut for the cordsets. The MINH 7 pole connectors are based on a 1”-16 mating thread & 1.13” hex for the receptacles and utilize a 1”-16 mating thread & 1.1” coupling nut for the cordsets.
The PMIN 3, 4 pole connectors are based on a 1 3/8-16” mating thread & 1.5” hex for the receptacles and utilize a 1 3/8-16” mating thread & 1.5” coupling nut for the cordsets.



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MIN Series

Size I (7/8”-16UN), Size II (1”-16UN), Size III (1 1/8”-16UN)

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- Cordsets
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    - Straight ..... C-2 ~ C-3
    - Right Angle ..... C-4 ~ C-7
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MIN Power Series

MINH Size I (7/8”-16UN), MINH Size II (1”-16UN), PMIN (1 3/8”-16UN)

Contents

MIN Power

- MINH
  - Cordsets
    - Part Number Matrix D-1
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    - Lock D-35

[Field Wireable Plugs]



[T-Connectors]



[Adapters]



[Receptacles]



[Over-Molded Cordsets]



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Notes:

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7/8” MIN Series Size I Cordsets

MIN Series Size I Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MIN [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Cable Type

Blank	=	PVC
P	=	PUR
C	=	PVC / Euro Color Code, No grn/yel
E	=	Euro Color Code
W	=	TPE
WF	=	Hi-Flex TPE

Number of Conductors

2
3
4
5
6
14

Connector Configuration

MP	=	Male Plug - 16awg
MPM	=	Male Plug with Male Threads - 16awg
FP	=	Female Plug - 16 awg
MFP	=	Male / Female Extension - 16awg
MFRP	=	Male Straight / Female Right Angle - 16awg
MRFP	=	Male Right Angle / Female Straight - 16awg
MPX	=	Male Plug - 18awg
MPMX	=	Male Plug with Male Threads - 18awg
FPX	=	Female Plug - 18awg
MFPX	=	Male / Female Extension - 18awg
MFRPX	=	Male Straight / Female Right Angle - 18awg
MRFPX	=	Male Right Angle / Female Straight - 18awg

Lengths in Feet

3
6
12
20
30
50

Other lengths are available by request.
(Euro color code is measured in meters.)

Armor (See **A-33** for more details)

Blank	=	No Armor
A01	=	SS w/ Cable Inside
A02	=	SS w/ Discrete Wires
A02T	=	SS w/ Discrete Teflon Wires
A03	=	PVC Covered SS w/ Cable Inside
A04	=	PVC Covered SS w/ Discrete Wires
A50	=	Silicone (Stops at Overmold)

Coupling Nut

Blank	=	Aluminum or Nickel plated brass
SS	=	Stainless Steel

Cable Color

Blank	=	Yellow
B	=	Black

R/A or Straight

Blank	=	Straight *
R	=	Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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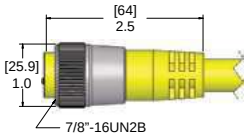
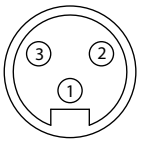
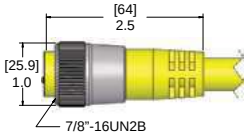
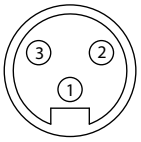
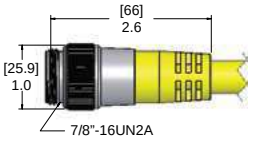
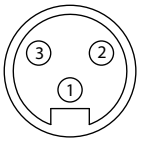
7/8” MIN Series Size I Cordsets

3 Conductor MIN Series Size I Cordsets, 18AWG

Straight Male Cordsets | 300 Volt, 8 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-3MPX-* (YELLOW) MIN-3MPX-*-B (BLACK)	PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MIN-3MPX-*A	Yellow PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	 7/8”-16UN2
	MINE-3MPX-** (YELLOW) MINE-3MPX-**-B (BLACK)	PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Green/Yellow 2. Brown 3. Blue	 7/8”-16UN2
	MINC-3MPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European Cenelec** 1. Black 2. Brown 3. Blue	

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

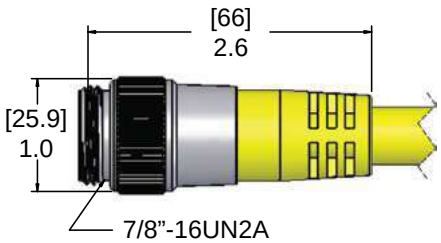
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-3MPX-3 becomes MIN-4MPX-3-SS)

See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MPX” with “MPMX”.
Male threads are standard on European color code cordsets.
(e.g. MIN-3MPX-3A becomes MIN-3MPMX-3A)



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7/8” MIN Series Size I Cordsets

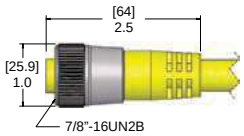
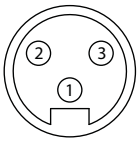
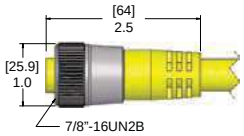
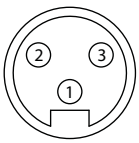
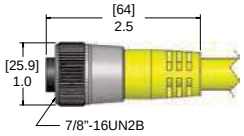
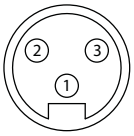
3 Conductor MIN Series Size I Cordsets, 18AWG



Straight Female Cordsets | 300 Volt, 8 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-3FPX-* (YELLOW) MIN-3FPX-*-B (BLACK)	PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MIN-3FPX-*A	Yellow PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	 7/8”-16UN2
	MINE-3FPX-** (YELLOW) MINE-3FPX-**-B (BLACK)	PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European** 1. Green/Yellow 2. Brown 3. Blue	 7/8”-16UN2
	MINC-3FPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European Cenelec** 1. Black 2. Brown 3. Blue	

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FPX-3 becomes MIN-3FPX-3-SS)

See Page A-33 for Armored Cordset options.

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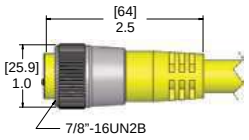
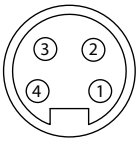
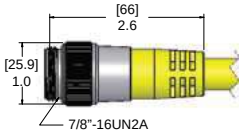
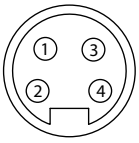
7/8” MIN Series Size I Cordsets

4 Conductor MIN Series Size I Cordsets, 18AWG

Straight Male Cordsets | 300 Volt, 5,5 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-4MPX-*	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINC-4MPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
	MINCP-4MPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Male Threaded Coupling Nut		
	MINCW-4MPX-**	Yellow TPE AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE Male Threaded Coupling Nut		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MPX-3 becomes MIN-4MPX-3-SS)

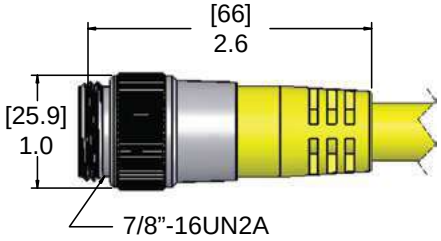
See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MPX” with “MPMX”.

Male threads are standard on European color code cordsets.

(e.g. MIN-4MPX-3 becomes MIN-4MPMX-3)



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7/8” MIN Series Size I Cordsets

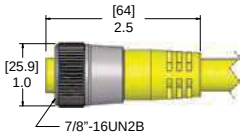
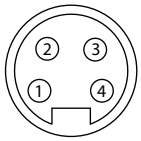
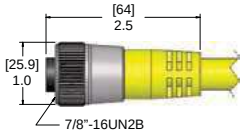
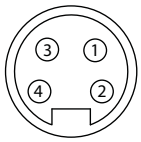
4 Conductor MIN Series Size I Cordsets, 18AWG



Straight Female Cordsets | 300 Volt, 5,5 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-4FPX-*	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINC-4FPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
	MINCP-4FPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINCW-4FPX-**	Yellow TPE AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FPX-3 becomes MIN-4FPX-3-SS)

See Page A-33 for Armored Cordset options.

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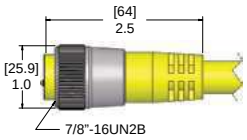
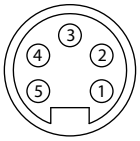
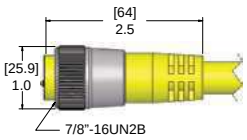
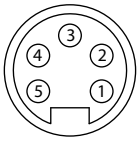
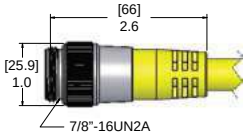
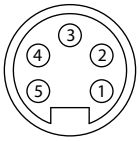
7/8” MIN Series Size I Cordsets

5 Conductor MIN Series Size I Cordsets, 18AWG

Straight Male Cordsets | 300 Volt, 5.5 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5MPX-* (YELLOW) MIN-5MPX-*-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINP-5MPX-*	Yellow PUR AWM 5 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-5MPX-*A (YELLOW) MIN-5MPX-*A-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 7/8”-16UN2
	MINE-5MPX-**	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

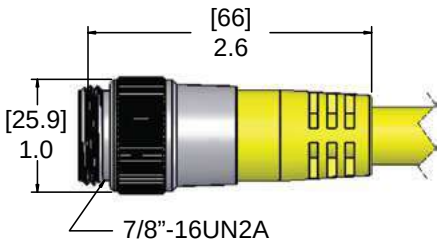
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-5MPX-3 becomes MIN-5MPX-3-SS)

See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MPX” with “MPMX”.
Male threads are standard on European color code cordsets.
(e.g. MIN-5MPX-3 becomes MIN-5MPMX-3)



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7/8” MIN Series Size I Cordsets

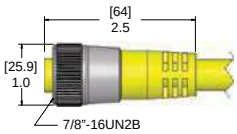
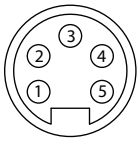
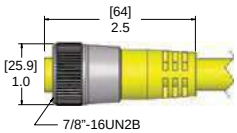
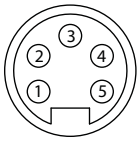
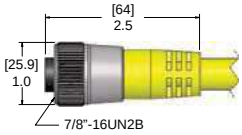
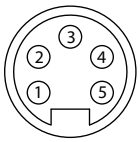
5 Conductor MIN Series Size I Cordsets, 18AWG



Straight Female Cordsets | 300 Volt, 5.5 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5FPX-* (YELLOW) MIN-5FPX-*-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINP-5FPX-*	Yellow PUR AWM 5 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-5FPX-*A (YELLOW) MIN-5FPX-*A-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 7/8”-16UN2
	MINE-5FPX-**	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-5FPX-3 becomes MIN-5FPX-3-SS)

See Page A-33 for Armored Cordset options.

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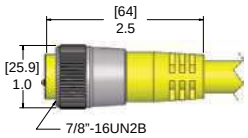
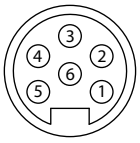
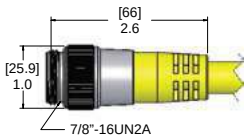
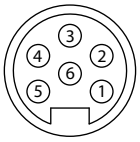
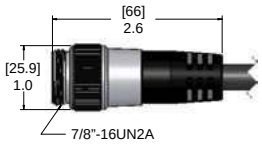
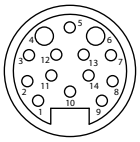
7/8” MIN Series Size I Cordsets

6 & 14 Conductor MIN Series Size I Cordsets, 18/22AWG

Straight Male Cordsets | 300 Volt, 5.5 amps | 300 Volt, 6 & 1 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6MPX-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2
	MINP-6MPX-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-6MPX-**	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	 7/8”-16UN2
	MINP-14MP-**	Black PUR AWM 2 X 18 AWG 300V, 6A 12 x 22 AWG 300V, 1A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Male Threaded Coupling Nut	**North American** 1. Gray/Pink 2. White/Green 3. White/Yellow 4. Brown*** 5. Brown/Yellow 6. Blue*** 7. Yellow 8. Green 9. Pink 10. White 11. Red/Blue 12. Brown/Green 13. Gray 14. Red	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

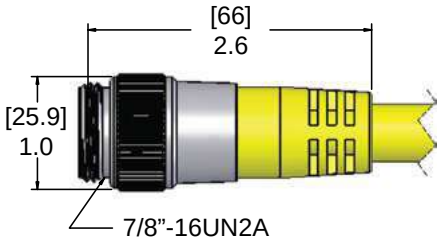
*** Brown and Blue are 18AWG wires.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MPX-3 becomes MIN-6MPX-3-SS)

See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MPX” with “MPMX”.
Male threads are standard on European color code cordsets.
(e.g. MIN-6MPX-3 becomes MIN-6MPMX-3)



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7/8” MIN Series Size I Cordsets

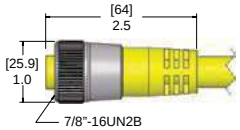
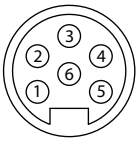
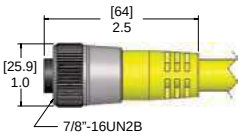
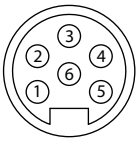
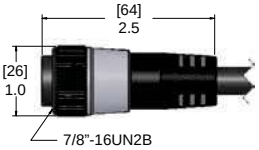
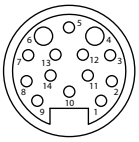
6 & 14 Conductor MIN Series Size I Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 5.5 amps | 300 Volt, 6 & 1 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6FPX-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2
	MINP-6FPX-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-6FPX-**	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	 7/8”-16UN2
	MINP-14FP-**	Black PUR AWM 2 X 18 AWG 300V, 6A 12 x 22 AWG 300V, 1A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR	**North American** 1. Gray/Pink 2. White/Green 3. White/Yellow 4. Brown*** 5. Brown/Yellow 6. Blue*** 7. Yellow 8. Green 9. Pink 10. White 11. Red/Blue 12. Brown/Green 13. Gray 14. Red	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown and Blue are 18AWG wires.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FPX-3 becomes MIN-6FPX-3-SS)

See Page A-33 for Armored Cordset options.

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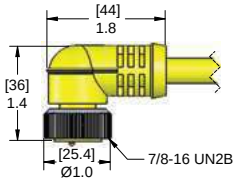
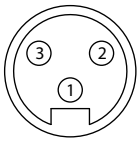
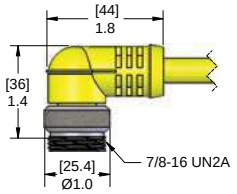
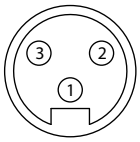
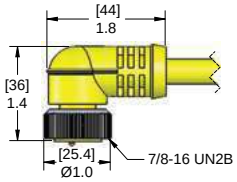
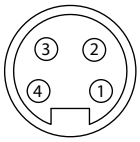
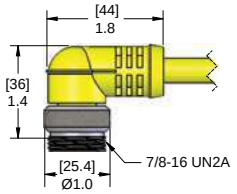
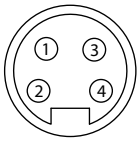
7/8” MIN Series Size I Cordsets

3 & 4 Conductor MIN Series Size I Cordsets, 18AWG

Right Angle Male Cordsets | 300 Volt, 8 amps | 300 Volt, 5,5 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-3MPX-*-R (YELLOW) MIN-3MPX-*-R-B (BLACK)	PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MIN-3MPX-*A-R	Yellow PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	
	MINE-3MPX-**-R (YELLOW) MINE-3MPX-**-R-B (BLACK)	PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Green/Yellow 2. Brown 3. Blue	 7/8”-16UN2
	MINC-3MPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European Cenelec** 1. Black 2. Brown 3. Blue	
	MIN-4MPX-*-R	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINC-4MPX-**-R	PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
	MINCP-4MPX-**-R	Yellow PUR AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Male Threaded Coupling Nut		
	MINCW-4MPX-**-R	Yellow TPE AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE Male Threaded Coupling Nut		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MPX-3-R becomes MIN-4FPX-3-R-SS)

For male threaded coupling replace “MPX” with “MPMX”. (e.g. MIN-4MPX-3-R becomes MIN-4MPMX-3-R)

See Page A-33 for Armored Cordset options.

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7/8” MIN Series Size I Cordsets

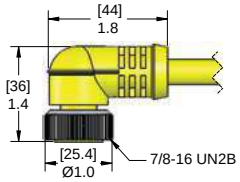
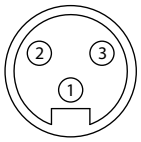
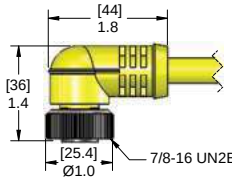
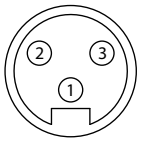
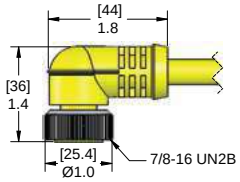
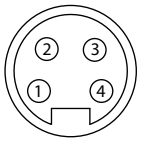
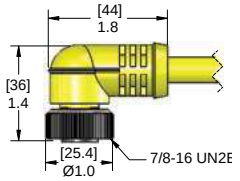
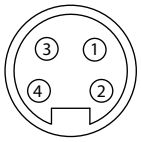
3 & 4 Conductor MIN Series Size I Cordsets, 18AWG



Right Angle Female Cordsets | 300 Volt, 8 amps | 300 Volt, 5,5 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-3FPX-*-R (YELLOW) MIN-3FPX-*-R-B (BLACK)	PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MIN-3FPX-*A-R	Yellow PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	
	MINE-3FPX-**-R (YELLOW) MINE-3FPX-**-R-B (BLACK)	PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Green/Yellow 2. Brown 3. Blue	 7/8”-16UN2
	MINC-3FPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European Cenelec** 1. Black 2. Brown 3. Blue	
	MIN-4FPX-*-R	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINC-4FPX-**-R	PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
	MINCP-4FPX-**-R	Yellow PUR AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINCW-4FPX-**-R	Yellow TPE AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FPX-3-R-SS becomes MIN-4FPX-3-R-SS)

See Page A-33 for Armored Cordset options.

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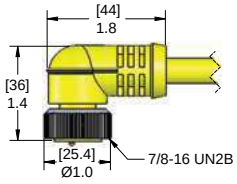
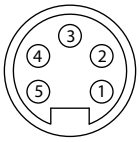
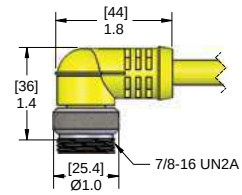
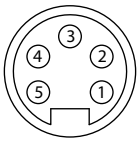
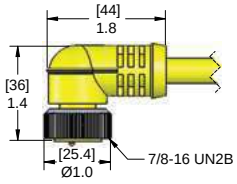
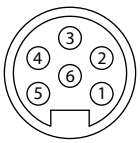
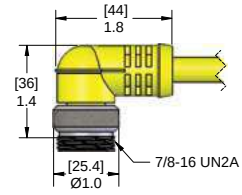
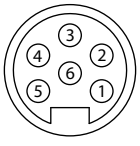
7/8” MIN Series Size I Cordsets

5 & 6 Conductor MIN Series Size I Cordsets, 18AWG

Right Angle Male Cordsets | 300 Volt, 5.5 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5MPX-*-R (YELLOW) MIN-5MPX-*-R-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINP-5MPX-*-R	Yellow PUR AWM 5 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-5MPX-*A-R (YELLOW) MIN-5MPX-*A-R-B (BLACK)	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	
	MINE-5MPX-**-R	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	 7/8”-16UN2
	MIN-6MPX-*-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2
	MINP-6MPX-*-R	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-6MPX-**-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC Male Threaded Coupling Nut	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-5MPX-3-R becomes MIN-5MPX-3-R-SS)

For male threaded coupling replace “MPX” with “MPMX”. (e.g. MIN-5MPX-3-R becomes MIN-5MPMX-3-R)

See Page A-33 for Armored Cordset options.

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7/8” MIN Series Size I Cordsets

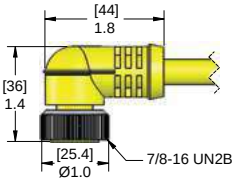
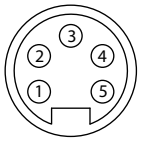
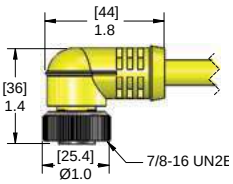
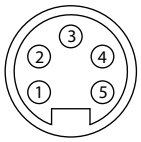
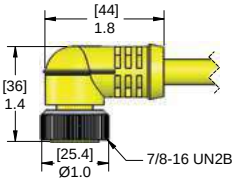
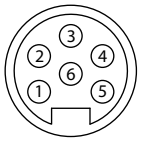
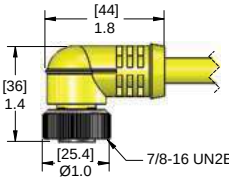
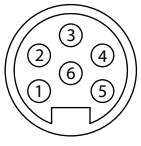
5 & 6 Conductor MIN Series Size I Cordsets, 18AWG



Right Angle Female Cordsets | 300 Volt, 5.5 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5FPX-*-R (YELLOW) MIN-5FPX-*-R-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINP-5FPX-*-R	Yellow PUR AWM 5 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-5FPX-*A-R (YELLOW) MIN-5FPX-*A-R-B (BLACK)	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	
	MINE-5FPX-**-R	Yellow PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	 7/8”-16UN2
	MIN-6FPX-*-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2
	MINP-6FPX-*-R	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-6FPX-**-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-5FPX-3-R becomes MIN-5FPX-3-R-SS)

See Page A-33 for Armored Cordset options.

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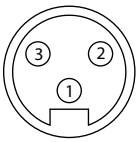
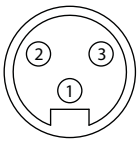
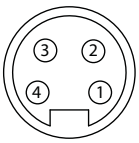
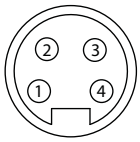
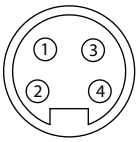
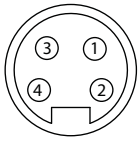
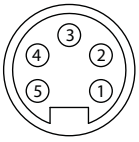
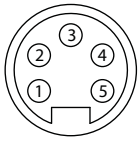
7/8” MIN Series Size I Cordsets

3, 4 & 5 Conductor MIN Series Size I Cordsets, 18AWG

Double Ended Cordsets | 300 Volt, 8 amps | 300 Volt, 5,5 amps | IP69 Rating

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Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 7/8”-16UN2	MIN-3MFPX-* (YELLOW) MIN-3MFPX-*-B (BLACK)	PVC SJTOOW 3 X 18 AWG 300V, 8A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINE-3MFPX-**	PVC AWM 3 X 18 AWG 300V, 8A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Connector has Male Threads	**European** 1. Green/Yellow 2. Red/Black 3. Red/White	
 7/8”-16UN2	MIN-4MFPX-*	PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
 7/8”-16UN2	MINC-4MFPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Connector has Male Threads	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
	MINCP-4MFPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Male Connector has Male Threads		
	MINCW-4MFPX-**	Yellow TPE AWM 4 X 18 AWG 300V, 5.5A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE Male Connector has Male Threads		
 7/8”-16UN2	MIN-5MFPX-* (YELLOW) MIN-5MFPX-*-B (BLACK)	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINP-5MFPX-*	Yellow PUR AWM 5 X 18 AWG 300V, 5.5A -40°C to +80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-5MFPX-**	PVC AWM 5 X 18 AWG 300V, 5.5A -40°C to +105°C 7.4mm OD	Industry Standard PVC Male Connector has Male Threads	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	

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7/8” MIN Series Size I Cordsets

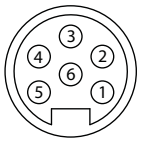
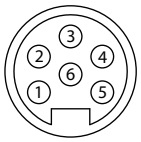
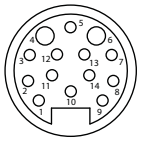
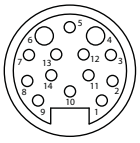
6 & 14 Conductor MIN Series Size I Cordsets, 18/22AWG



Double Ended Cordsets | 300 Volt, 5.5 amps | 300 Volt, 6 & 1 amps | IP69 Rating



c UL us LISTED

Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 7/8”-16UN2	MIN-6MFPX-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2
	MINP-6MFPX-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINE-6MFPX-**	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC Male Connector has Male Threads	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	
 7/8”-16UN2	MINP-14MFP-**	Black PUR AWM 2 X 18 AWG 300V, 6A 12 x 22 AWG 300V, 1A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Male Connector has Male Threads	**North American** 1. Grey/Pink 2. White/Green 3. White/Yellow 4. Brown*** 5. Brown/Yellow 6. Blue*** 7. Yellow 8. Green 9. Pink 10. White 11. Red/Blue 12. Brown/Green 13. Gray 14. Red	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

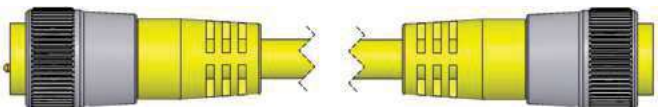
*** Brown and Blue are 18AWG wires.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MFPX-3-SS becomes MIN-4MFPX-3-SS)

For male threaded coupling replace “MFPX” with “MFPMX”. (e.g. MIN-4MFPX-3 becomes MIN-4MFPMX-3)

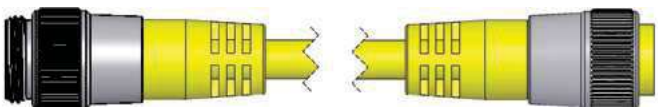
See Page A-33 for Armored Cordset options.

Male - Female Extension

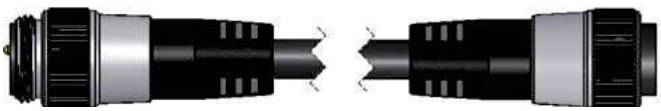


3, 4, 5 & 6 Conductors

Male (Male Threads) - Female (Female Threads) Extension



3, 4, 5 & 6 Conductors



14 Conductors

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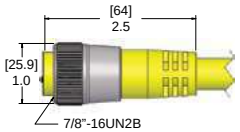
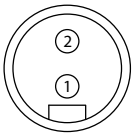
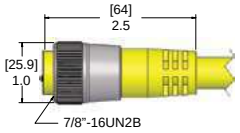
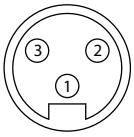
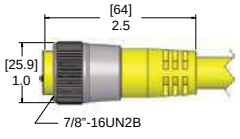
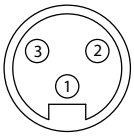
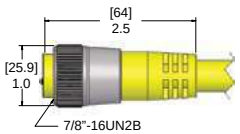
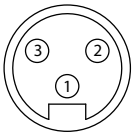
7/8” MIN Series Size I Cordsets

2 & 3 Conductor MIN Series Size I Cordsets, 16AWG

Straight Male Cordsets | 600 Volt, 13 amps | IP69 Rating

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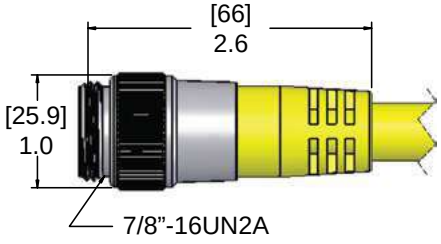


Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-2MP-*	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +105°C 9.4mm OD	Industry Standard PVC	**North American** 1. White 2. Black	 7/8”-16UN2
	MIN-3MP-* (YELLOW) MIN-3MP-*-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINM-3MP-*	Yellow PVC STOOW With Foil Shield 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC Foil Shield	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINP-3MP-*	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINW-3MP-* (YELLOW) MINW-3MP-*-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Weld Slag Resistant TPE		
	MIN-3MP-*A	Yellow PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-3MP-3 becomes MIN-3MP-3-SS)
See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MP” with “MPM”.
(e.g. MIN-3MP-3 becomes MIN-3MPM-3)



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7/8” MIN Series Size I Cordsets

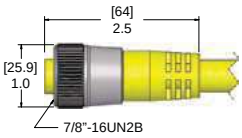
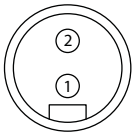
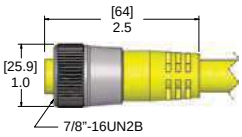
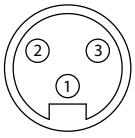
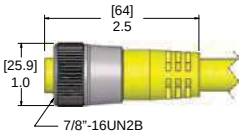
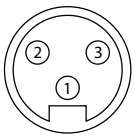
2 & 3 Conductor MIN Series Size I Cordsets, 16AWG



Straight Female Cordsets | 600 Volt, 13 amps | 600 Volt, 10 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-2FP-*	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +105°C 9.4mm OD	Industry Standard PVC	**North American** 1. White 2. Black	 7/8”-16UN2
	MIN-3FP-* (YELLOW) MIN-3FP-*-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINM-3FP-*	Yellow PVC STOOW With Foil Shield 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC Foil Shield		
	MINP-3FP-*	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINW-3FP-* (YELLOW) MINW-3FP-*-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Weld Slag Resistant TPE		
	MIN-3FP-*A	Yellow PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American** **Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-3FP-3 becomes MIN-3FP-3-SS)
See Page A-33 for Armored Cordset options.

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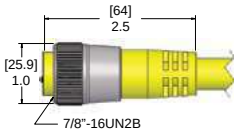
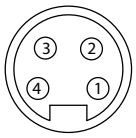
7/8” MIN Series Size I Cordsets

4 Conductor MIN Series Size I Cordsets, 16AWG

Straight Male Cordsets | 600 Volt, 10 amps | IP69 Rating

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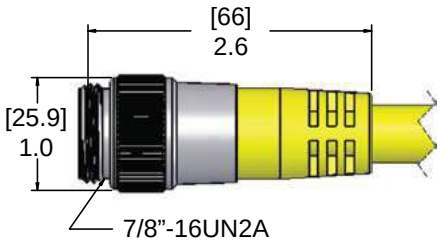


Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-4MP-* (YELLOW) MIN-4MP-*-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINM-4MP-*	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC Foil Shield		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MP-3 becomes MIN-4MP-3-SS)
See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MP” with “MPM”.
(e.g. MIN-4MP-3 becomes MINM-4MPM-3)



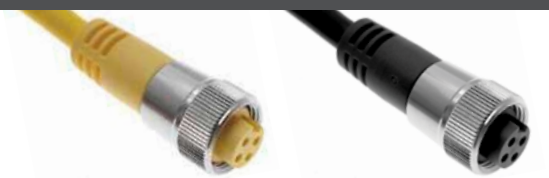
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7/8” MIN Series Size I Cordsets

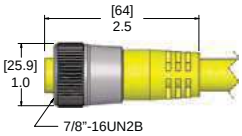
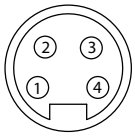
4 Conductor MIN Series Size I Cordsets, 16AWG



Straight Female Cordsets | 600 Volt, 10 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-4FP-* (YELLOW) MIN-4FP-*-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINM-4FP-*	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC Foil Shield		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FP-3 becomes MIN-4FP-3-SS)
See Page A-33 for Armored Cordset options.

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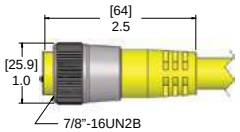
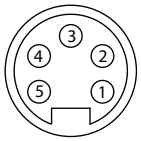
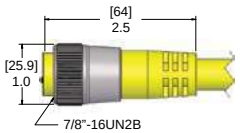
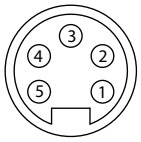
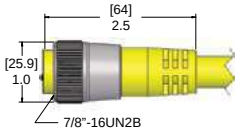
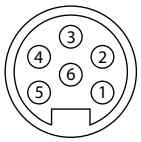
7/8” MIN Series Size I Cordsets

5 & 6 Conductor MIN Series Size I Cordsets, 16AWG

Straight Male Cordsets | 600 Volt, 8 amps | IP69 Rating

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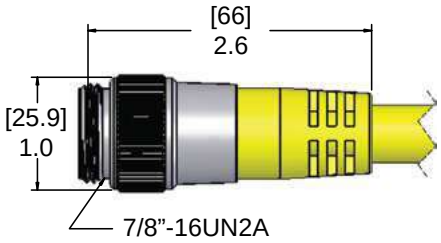


Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5MP-* (YELLOW) MIN-5MP-*-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINM-5MP-*	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC Foil Shield		
	MINW-5MP-*	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to +80°C 12.9mm OD	Weld Slag Resistant TPE		
	MIN-5MP-*A	Yellow PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 7/8”-16UN2
	MIN-6MP-* (YELLOW) MIN-6MP-*-B (BLACK)	PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.3mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP-3 becomes MIN-6MP-3-SS)
See Page A-33 for Armored Cordset options.

Male Thread Option

For male threaded coupling replace “MP” with “MPM”.
(e.g. MIN-5MP-3 becomes MIN-5MPM-3)



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7/8” MIN Series Size I Cordsets

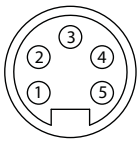
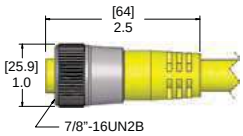
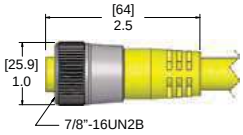
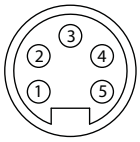
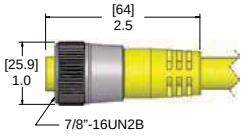
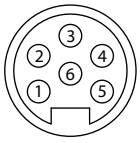
5 & 6 Conductor MIN Series Size I Cordsets, 16AWG



Straight Female Cordsets | 600 Volt, 8 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5FP-* (YELLOW) MIN-5FP-*-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINM-5FP-*	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC Foil Shield		
	MINW-5FP-*	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to +80°C 12.9mm OD	Weld Slag Resistant TPE		
	MIN-5FP-*A	Yellow PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 12.9mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 7/8”-16UN2
	MIN-6FP-* (YELLOW) MIN-6FP-*-B (BLACK)	PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.3mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP-3 becomes MIN-6FP-3-SS)
See Page A-33 for Armored Cordset options.

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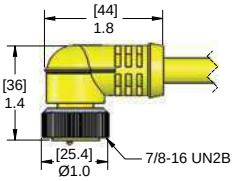
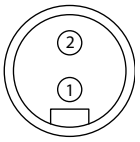
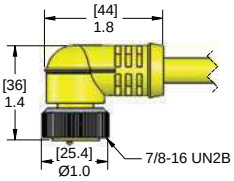
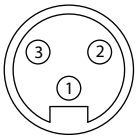
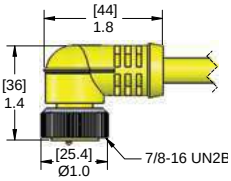
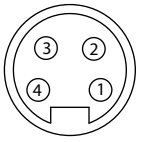
7/8” MIN Series Size I Cordsets

2, 3 & 4 Conductor MIN Series Size I Cordsets, 16AWG

Right Angle Male Cordsets | 600 Volt, 13 amps | 600 Volt 10 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-2MP-*-R	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +105°C 9.5mm OD	Industry Standard PVC	**North American** 1. White 2. Black	 7/8”-16UN2
	MIN-3MP-*-R (YELLOW) MIN-3MP-*-R-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINM-3MP-*-R	Yellow PVC STOOW With Foil Shield 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC Foil Shield		
	MINP-3MP-*-R	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINW-3MP-*-R (YELLOW) MINW-3MP-*-B-R (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Weld Slag Resistant TPE		
	MIN-3MP-*A-R	Yellow PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	
	MIN-4MP-*-R (YELLOW) MIN-4MP-*-R-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINM-4MP-*-R	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC Foil Shield		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MP-3-R becomes MIN-4MP-3-R-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-3MP-3-R becomes MIN-3MPM-3-R)

See Page A-33 for Armored Cordset options.

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7/8” MIN Series Size I Cordsets

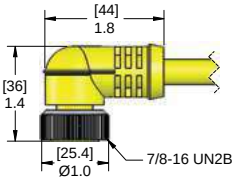
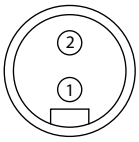
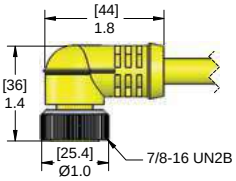
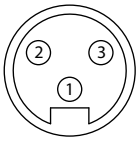
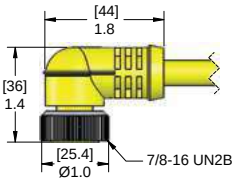
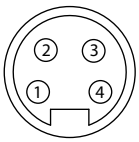
2, 3 & 4 Conductor MIN Series Size I Cordsets, 16AWG



Right Angle Female Cordsets | 600 Volt, 13 amps | 600 Volt 10 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-2FP-*-R	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +105°C 9.5mm OD	Industry Standard PVC	**North American** 1. White 2. Black	 7/8”-16UN2
	MIN-3FP-*-R (YELLOW) MIN-3FP-*-R-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINM-3FP-*-R	Yellow PVC STOOW With Foil Shield 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC Foil Shield		
	MINP-3FP-*-R	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINW-3FP-*-R (YELLOW) MINW-3FP-*-B-R (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Weld Slag Resistant TPE		
	MIN-3FP-*A-R	Yellow PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	
	MIN-4FP-*-R (YELLOW) MIN-4FP-*-R-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINM-4FP-*-R	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC Foil Shield		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FP-3-R becomes MIN-4FP-3-R-SS)

See Page A-33 for Armored Cordset options.

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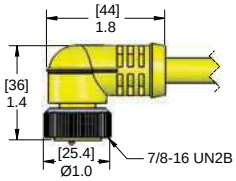
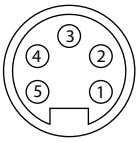
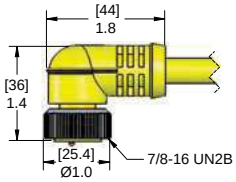
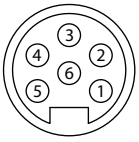
7/8” MIN Series Size I Cordsets

5 & 6 Conductor MIN Series Size I Cordsets, 16AWG

Right Angle Male Cordsets | 600 Volt, 8 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5MP-*-R (YELLOW) MIN-5MP-*-R-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINM-5MP-*-R	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MINW-5MP-*-R	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to +80°C 13.1mm OD	Weld Slag Resistant TPE		
	MIN-5MP-*A-R	Yellow PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	
	MIN-6MP-*-R (YELLOW) MIN-6MP-*-R-B (BLACK)	PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.3mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP-3 becomes MIN-6MP-3-R-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-5MP-3-R becomes MIN-5MPM-3-R)

See Page A-33 for Armored Cordset options.

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7/8” MIN Series Size I Cordsets

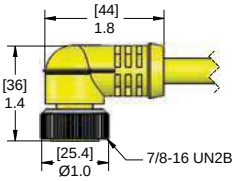
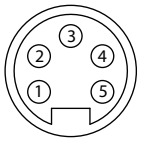
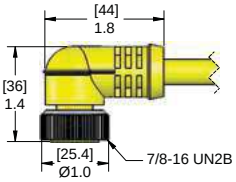
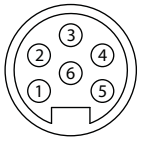
5 & 6 Conductor MIN Series Size I Cordsets, 16AWG



Right Angle Female Cordsets | 600 Volt, 8 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-5FP-*-R (YELLOW) MIN-5FP-*-R-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINM-5FP-*-R	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MINW-5FP-*-R	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to +80°C 13.1mm OD	Weld Slag Resistant TPE		
	MIN-5FP-*A-R	Yellow PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC	**North American** **Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	
	MIN-6FP-*-R (YELLOW) MIN-6FP-*-R-B (BLACK)	PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.3mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP-3-R becomes MIN-6FP-3-R-SS)

See Page A-33 for Armored Cordset options.

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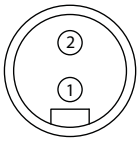
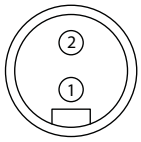
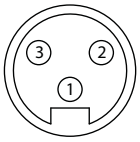
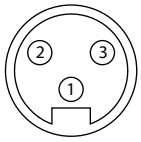
7/8” MIN Series Size I Cordsets

2 & 3 Conductor MIN Series Size I Cordsets, 16AWG

Double Ended Cordsets | 600 Volt, 13 amps | IP69 Rating

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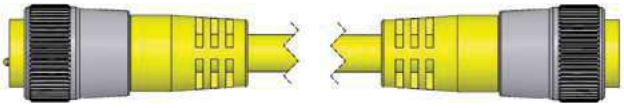
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 7/8”-16UN2	MIN-2MFP-*	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +105°C 9.5mm OD	Industry Standard PVC	**North American** 1. White 2. Black	 7/8”-16UN2
 7/8”-16UN2	MIN-3MFP-* (YELLOW) MIN-3MFP-*-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to +105°C 8.5mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINM-3MFP-*	Yellow PVC STOOW With Foil Shield 3 X 16 AWG 600V, 13A -40°C to +105°C 10mm OD	Industry Standard PVC Foil Shield		
	MINP-3MFP-*	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MINW-3MFP-* (YELLOW) MINW-3MFP-*-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to +80°C 10mm OD	Weld Slag Resistant TPE		

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

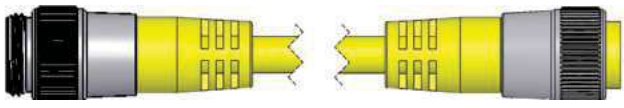
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-3MFP-3 becomes MIN-3MFP-3-SS)

For male threaded coupling replace “MFP” with “MFPM”. (e.g. MIN-3MFP-3 becomes MIN-3MFPM-3)

See Page A-33 for Armored Cordset options.



Male - Female Extension



Male (Male Threads) - Female (Female Threads) Extension

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7/8” MIN Series Size I Cordsets

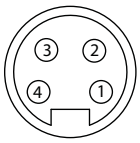
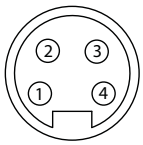
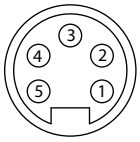
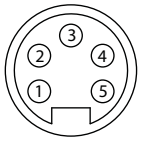
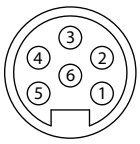
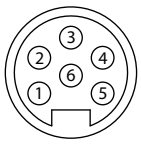
4, 5 & 6 Conductor MIN Series Size I Cordsets, 16AWG



Double Ended Cordsets | 600 Volt, 10 amps | 600 Volt, 8 amps | IP69 Rating



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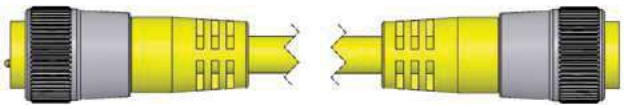
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 7/8”-16UN2	MIN-4MFP-* (YELLOW) MIN-4MFP-*-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
	MINM-4MFP-*	Yellow PVC STOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to +105°C 10.8mm OD	Industry Standard PVC Foil Shield		
 7/8”-16UN2	MIN-5MFP-* (YELLOW) MIN-5MFP-*-B (BLACK)	Yellow PVC STOOW 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	 7/8”-16UN2
	MINM-5MFP-*	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to +105°C 13.1mm OD	Industry Standard PVC		
	MINW-5MFP-*	TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to +80°C 13.1mm OD	Weld Slag Resistant TPE		
 7/8”-16UN2	MIN-6MFP-* (YELLOW) MIN-6MFP-*-B (BLACK)	PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.3mm OD	Industry Standard PVC	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	 7/8”-16UN2

* Lengths in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

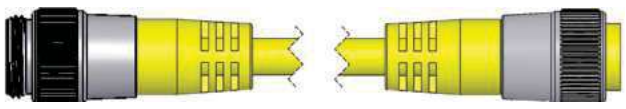
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MFP-3 becomes MIN-4MFP-3-SS)

For male threaded coupling replace “MFP” with “MFPM”. (e.g. MIN-5MFP-3 becomes MIN-5MFPM-3)

See Page A-33 for Armored Cordset options.



Male - Female Extension



Male (Male Threads) - Female (Female Threads) Extension

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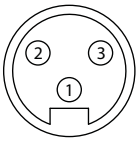
7/8” MIN Series Size I Cordsets

3 Conductor MIN Series Size I to NEMA 5-15 Cordsets, 16AWG

Double Ended Cordsets | 300 Volt, 12 amps | IP69 Rating

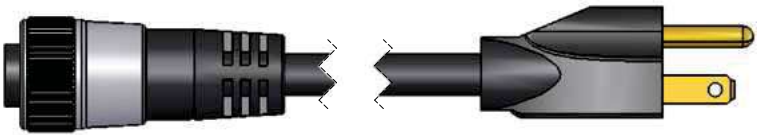
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Female Faceview	Part Number	Cables	Features	Color Code	NEMA 5-15 Faceview
 7/8”-16UN2	MIN-3FP-NM515-*-B	Black PVC STOOW 3 X 16 AWG 300V, 12A -40°C to +105°C 9.4mm OD	Industry Standard PVC	**NEMA** 1. Ground 2. L1 3. L2	

* Lengths in feet. Standard cable lengths are 3, 6 & 12 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-3FP-NM515-3-B becomes MIN-3FP-NM515-3-B-SS)



Female - NEMA 5-15 Extension

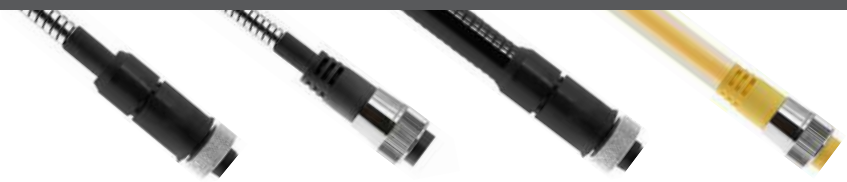
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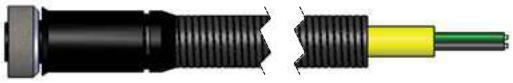
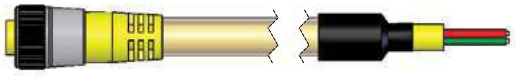
7/8” MIN Series Size I Armored Cordsets

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A02	Stainless Steel with Discrete Wires	Crush, Corrosion and Abrasion Resistant
	A02T	Stainless Steel with Teflon Discrete Wires	Crush, Corrosion and Abrasion Resistant Hi-Temperature Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush and Abrasion Resistant
	A04	PVC Covered Stainless Steel with Discrete Wires	Water Tight Crush and Abrasion Resistant
	A50*	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

* A50 only Available for 2, 3 and 4 pole MIN cables
To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MIN-4FP-6 becomes MIN-4FP-6-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments
- Connectorize to make faster installation and future repairs

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...



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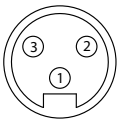
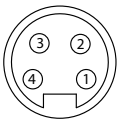
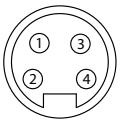
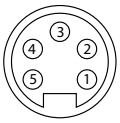
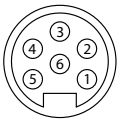
7/8” MIN Series Size I Field Wireable Plugs

3, 4, 5 & 6 Conductor MIN Series Size I Field Wireable Plugs, 14-22AWG

Field Wireable Plugs | 600 Volt MAX, 18 amps MAX | IP67 Rating

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# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Straight		Female Straight
					Male Threads	Female Threads	
3	 7/8”-16UN2	600V MAX 18A MAX	14-22 AWG	5-13 mm	MIN-3MPM-FW	MIN-3MP-FW	MIN-3FP-FW
				8-17 mm	MIN-3MPM-FWX	MIN-3MP-FWX	MIN-3FP-FWX
4	 7/8”-16UN2	600V MAX 15A MAX	14-22 AWG	5-13 mm	MIN-4MPM-FW	MIN-4MP-FW	MIN-4FP-FW
				8-17 mm	MIN-4MPM-FWX	MIN-4MP-FWX	MIN-4FP-FWX
	 7/8”-16UN2	600V MAX 15A MAX	14-22 AWG	5-13 mm	MINC-4MP-FW	N/A	MINC-4FP-FW
				8-17 mm	MINC-4MP-FWX	N/A	MINC-4FP-FWX
5	 7/8”-16UN2	600V MAX 12A MAX	14-22 AWG	5-13 mm	MIN-5MPM-FW	MIN-5MP-FW	MIN-5FP-FW
				8-17 mm	MIN-5MPM-FWX	MIN-5MP-FWX	MIN-5FP-FWX
6	 7/8”-16UN2	600V MAX 8A MAX	16-22 AWG	5-13 mm	MIN-6MPM-FW	MIN-6MP-FW	MIN-6FP-FW
				8-17 mm	MIN-6MPM-FWX	MIN-6MP-FWX	MIN-6FP-FWX

Voltage and amperage ratings are cable dependent and are based on 600V 14 AWG cable.
Cables with lower voltage ratings or smaller wire gauge will lower these ratings.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4FP-FW becomes MIN-4FP-FW-SS)

	Male Straight (Male Threads)	Male Straight (Female Threads)	Female Straight (Female Threads)
Nickel Plate Brass Version			
Stainless Steel Version			

Specifications:

Body:	Polyamide	Insert:	PVC
Contacts:	Copper Alloy with Gold Plating	Connections:	Screw Terminals
O-Ring:	NBR	Temperature:	-40 °C to +90°C (-40°F to +194°F)
Coupling Nut:	Nickel Plated Brass/Stainless Steel		

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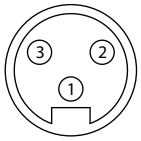
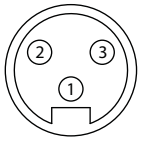
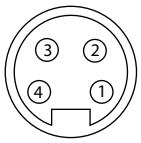
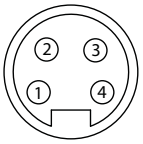
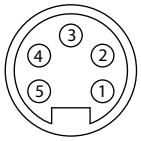
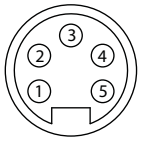
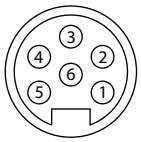
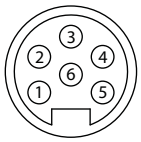
7/8” MIN Series Size I “T” Connectors

3, 4 ,5 & 6 Conductor MIN Series Size I “T” Connector, 16AWG



“T” Connectors | Male to Two Female | 300 Volt, 8 amps | IP69 Rating

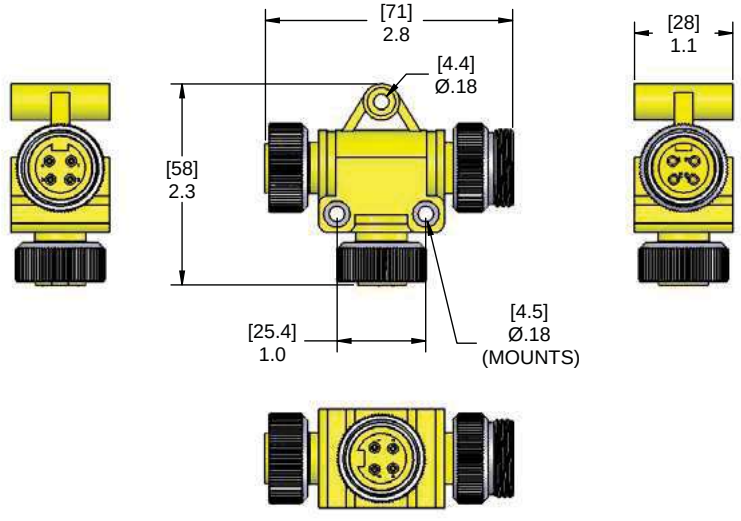
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# of Poles	Male Faceview	Part Number	Wiring	Female Faceview
3	 7/8”-16UN2	MIN-3MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3	 7/8”-16UN2
4	 7/8”-16UN2	MIN-4MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 7/8”-16UN2
5	 7/8”-16UN2	MIN-5MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4 5 to 5 to 5	 7/8”-16UN2
6	 7/8”-16UN2	MIN-6MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4 5 to 5 to 5 6 to 6 to 6	 7/8”-16UN2

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MFF-T becomes MIN-4MFF-T-SS)

Specifications:

Body :	Oil Resistant Yellow PVC
Contacts :	Copper Alloy with Gold Plating
Coupling Nut :	Nickel Plated Brass
Temperature :	-40°C to +105°C



ALL THREADS 7/8-16 UN

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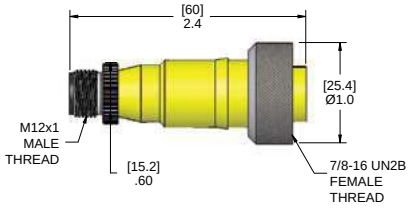
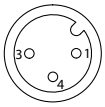
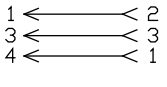
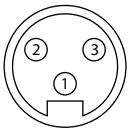
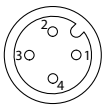
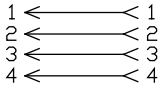
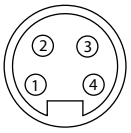
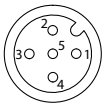
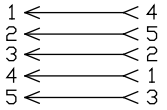
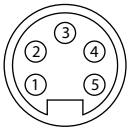
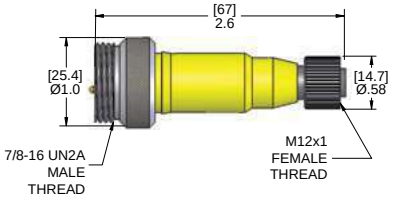
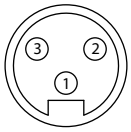
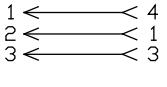
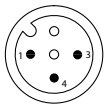
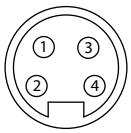
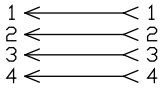
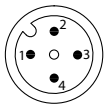
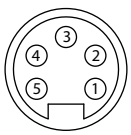
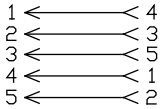
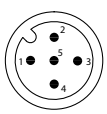


7/8” MIN Series Size I Accessories

3, 4 & 5 Conductor MIN (7/8”-16UN) to MDC (M12x1) Adapter Plugs

Adapter Plugs | MIN (7/8”-16UN) to MDC (M12 x1) | 300 Volt, 4 amps | IP67 Rating



MDC Male to MIN Female					
Housing Style	**Part Number**	**Rating**	**Male Faceview**	**Connection Diagram**	**Female Faceview**
	MDCIN-3MFP-AD1	300V 4A			
	MDCIN-4MFP-AD1				
	MDCIN-5MFP-AD1				
MIN Male to MDC Female					
	MINEDC-3MFP-AD1	300V 4A			
	MINEDC-4MFP-AD1				
	MINEDC-5MFP-AD1				

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nuts:	Nickel Plated Brass
Inserts:	MDC: Polyamide MIN: Oil Resistant PVC
O-Ring:	NBR

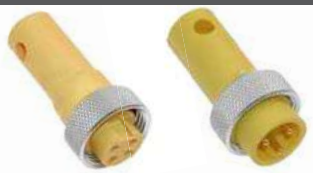
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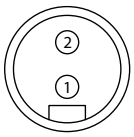
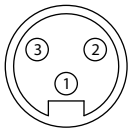
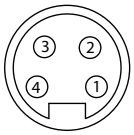
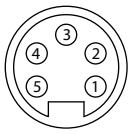
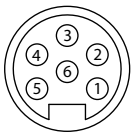
7/8” MIN Series Size I Accessories

MIN Series Size I Dummy Plugs



Dummy Plugs | Jumpered Pins | IP69 Rating

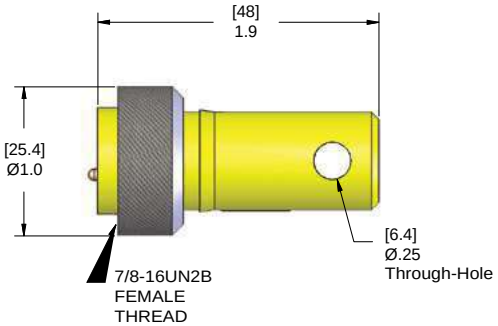


# of Poles	Male Faceview	Jumpers	Male Plugs	Female Plugs
2	 7/8”-16UN2	1 to 2	MIN-2MP-DP1	MIN-2FP-DP1
3	 7/8”-16UN2	2 to 3	MIN-3MP-DP1	MIN-3FP-DP1
4	 7/8”-16UN2	1 to 2 3 to 4	MIN-4MP-DP1	MIN-4FP-DP1
5	 7/8”-16UN2	2 to 4	MIN-5MP-DP1	MIN-5FP-DP1
6	 7/8”-16UN2	1 to 2 4 to 5	MIN-6MP-DP1	MIN-6FP-DP1

For stainless steel locking ring, add a “-SS” suffix. (e.g. MIN-3FP-DP1 becomes MIN-3FP-DP1-SS)
Alternate wiring is available, please consult the factory.
Terminating plugs are available in DeviceNet and Foundation Fieldbus, please see the DeviceNet (**Page K-8**) and Foundation Fieldbus (**Page M-8**) sections.

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Jumpers:	18 AWG
Temperature:	-40°C to +105°C (-40°F to +221°F)



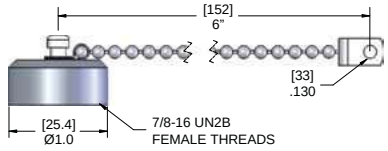
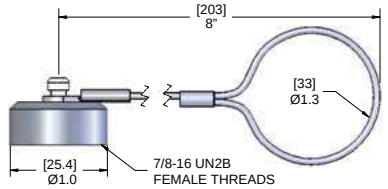
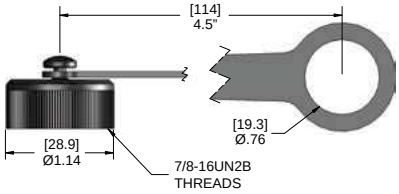
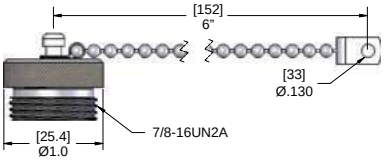
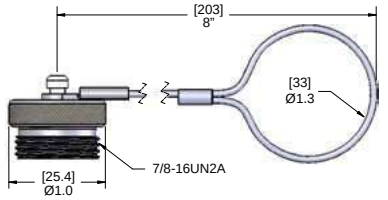
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7/8” MIN Series Size I Accessories

MIN Series Size I Accessories

Closure Caps & Plugs | Adapter Coupling | IP67 Rating

Metal/Plastic Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MIN-CAP	Nickel Plated Brass	Female	0.13”
	MIN-CAP-CBLY	Nickel Plated Brass	Female	1.3” (For Use on Cables)
	MIN-CAP-PASW	Polyamide NBR with Tether***	Female	0.76”
Metal Closure Plugs				
	MIN-PLUG	Nickel Plated Brass	Male	0.13”
	MIN-PLUG-CBLY	Nickel Plated Brass	Male	1.3” (For Use on Cables)
	MIN-PLUG-NC	Clear Anodized Aluminum	Male	N/A

NBR tether and stainless steel lanyard are available for all MIN-CAP and MIN-PLUG. Please consult the factory for part number and availability.
***Tether mounts under receptacles with ½” NPT, M20 or M25 mounting threads and also serves as a gasket.

Adapter Coupling	Part Number	Material	Threads
	MIN-XMP-AD	Nickel Plated Brass	Male
	MIN-XMP-AD-SS	Stainless Steel	

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7/8” MIN Series Size I Accessories

2, 3 & 4 Conductor MIN Series Size I Accessory Cables



# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
2	**North American** White Black	16 AWG	600V	PVC STOOW 9.4mm OD (0.37” OD)	Yellow	MIN-2CBL-C	10A0001-*
3	**North American** Green/Yellow Black White	16 AWG	600V	PVC STOOW 10mm OD (0.39” OD)	Yellow	MIN-3CBL-C	10B0001-*
					Black	MIN-3CBL-C-B	10BB001-*
				PUR AWM 10mm OD (0.39” OD)	Yellow	MINP-3CBL-C	10BP001-*
				TPE SEOOW 10mm OD (0.39” OD)	Yellow	MINW-3CBL-C	10BW001-*
					Black	MINW-3CBL-C-B	10BWB01-*
		18 AWG	300V	PVC SJTOOW 8.5mm OD (0.33” OD)	Yellow	MIN-3CBLX-C	10BX001-*
					Black	MIN-3CBLX-C-B	10BXB01-*
	North American Auto Color Code Green/Yellow Red/Black Red/White	16 AWG	600V	PVC STOOW 10mm OD (0.39” OD)	Yellow	MIN-3ACBL-C	10L0001-*
		18 AWG	300V	PVC SJTOOW 8.5mm OD (0.33” OD)	Yellow	MIN-3ACBLX-C	10LX001-*
	European Green/Yellow Brown Blue	18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MINE-3CBLX-C	10BXE01-*
					Black	MINE-3CBLX-C-B	10BXEB1-*
	European Cenelec Black Brown Blue	18 AWG	600V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MINC-3CBLX-C	30BX001-*
4	**North American** Black White Red Green/Yellow	16 AWG	600V	PVC STOOW 10.8mm OD (0.42” OD)	Yellow	MIN-4CBL-C	10C0001-*
					Black	MIN-4CBL-C-B	10CB001-*
		18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MIN-4CBLX-C	10CX001-*
	European Cenelec Brown White Blue Black	18 AWG	600V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MINC-4CBLX-C	30CX001-*
			300V	PUR AWM 7.4mm OD (0.29” OD)	Yellow	MINCP-4CBLX-C	30CXP01-*
				TPE AWM 7.4mm OD (0.29” OD)	Yellow	MINCW-4CBLX-C	30CWX01-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Lengths in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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7/8” MIN Series Size I Accessories

5, 6 & 14 Conductor MIN Series Size I Accessory Cables

100’ Cables | Raw Cable Spools

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
5	**North American** White Red Green/Yellow Orange Black	16 AWG	600V	PVC STOOW 12.9 OD (0.51” OD)	Yellow	MIN-5CBL-C	10D0001-*
					Black	MIN-5CBL-C-B	10DB001-*
				TPE SEOOW 12.9 OD (0.51” OD)	Yellow	MINW-5CBL-C	10DW001-*
		18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MIN-5CBLX-C	10DX001-*
					Black	MIN-5CBLX-C-B	10DXB01-*
				PUR AWM 7.4mm OD (0.29” OD)	Yellow	MINP-5CBLX-C	10DXP01-*
	North American Auto Color Code Red/White Red Green/Yellow Red/Yellow Red/Black	16 AWG	600V	PVC STOW 12.9 OD (0.51” OD)	Yellow	MIN-5ACBL-C	10M0001-*
		18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MIN-5ACBLX-C	10MX001-*
					Black	MIN-5ACBLX-C-B	10MXB01-*
	European Black Blue Green/Yellow Brown White	18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MINE-5CBLX-C	10DXE01-*
6	**North American** White Red Green/Yellow Orange Black Blue	16 AWG	600V	PVC STOOW 13.3mm OD (0.52” OD)	Yellow	MIN-6CBL-C	10E0003-*
		18 AWG	300V	PVC SJTOOW 10.1mm OD (0.40” OD)	Yellow	MIN-6CBLX-C	10EX001-*
				PUR AWM 8.5mm OD (0.33” OD)	Yellow	MINP-6CBLX-C	10EXP01-*
	European Green White Blue Gray Yellow Brown	18 AWG	300V	PVC SJTOOW 10.1mm OD (0.40” OD)	Yellow	MINE-6CBLX-C	10EXE01-*
14	**North American** Grey/Pink White/Green White/Yellow Brown*** Brown/Yellow Blue*** Yellow Green Pink White Red/Blue Brown/Green Gray Red	2 x 18 AWG 14 x 22 AWG	300V	Black PUR AWM 8.1mm OD (0.32” OD)	Black	MINP-14CBL-C	10MPB02-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

*** Brown and Blue wires are 18AWG.

Cable Construction subject to change without notice.
Lengths in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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7/8” MIN Series Size I Receptacles

MIN Series Size I Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MIN [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Wire Type

Blank	=	PVC
C	=	PVC / Euro ColorCode, No Green/Yellow
E	=	Euro Color Code
H	=	14 AWG (3 & 4 wire only)

Number of Conductors

2
3
4
5
6
14

Connector Configuration

MR	=	Male Receptacle
FR	=	Female Receptacle
FRF	=	Female Receptacle w/ Female Thread
MFRF	=	Male - Female Receptacle w/ Female Thread

Lengths in Feet

Blank = No Wire

Any length followed by an “A” is of Automotive Color Code.

Wire AWG

Blank	=	16 AWG
18	=	18 AWG
22	=	22 AWG

Shell Material

Blank	=	Aluminum or Nickel plated brass
SS	=	Stainless Steel
B	=	Anodized Black Aluminum
N	=	Nylon

R/A or Straight

Blank	=	No Right Angle
R	=	Right Angle

Termination Type

Blank	=	Pre-Wired
SC	=	Solder Cup
PCB	=	PCB Mount

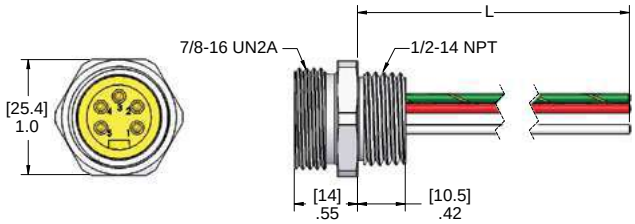
Mounting Style

Blank	=	Front Mount 1/2”-14 NPT
PG11	=	Front Mount PG 11 Threads
PG13.5	=	Front Mount PG 13.5 Threads
M16	=	Front Mount Metric 16 Threads
M20	=	Front Mount Metric 20 Threads
NPT34	=	Front Mount 3/4”-14 NPT Threads
BM	=	Back Mount
BM-PCB	=	PCB Back Mount
PM	=	Panel Mount
TM	=	Through Panel Mount

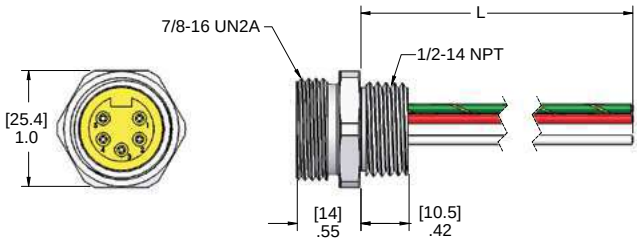
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Front Mount

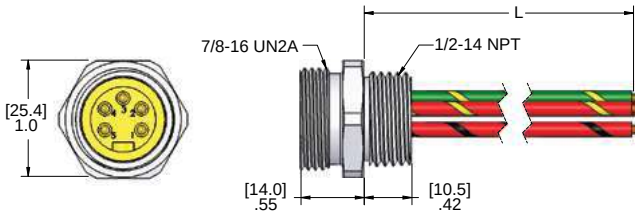
Front Mount, Male, 1/2”-14NPT Page A-46



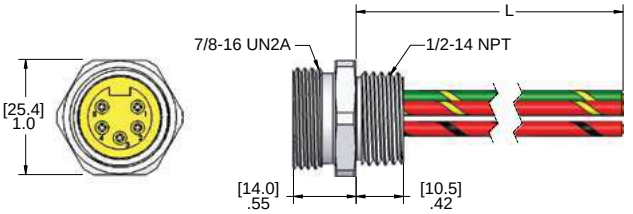
Front Mount, Female, 1/2”-14NPT Page A-46



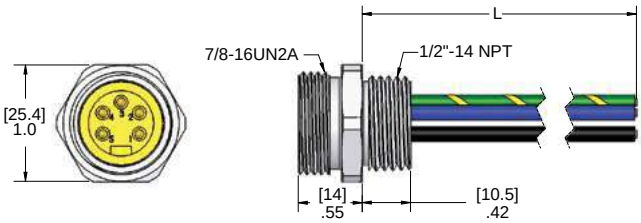
Front Mount, Male, 1/2”-14NPT, Auto Color Code Page A-47



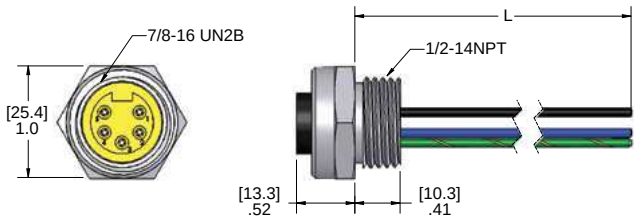
Front Mount, Female, 1/2”-14NPT, Auto Color Code Page A-47



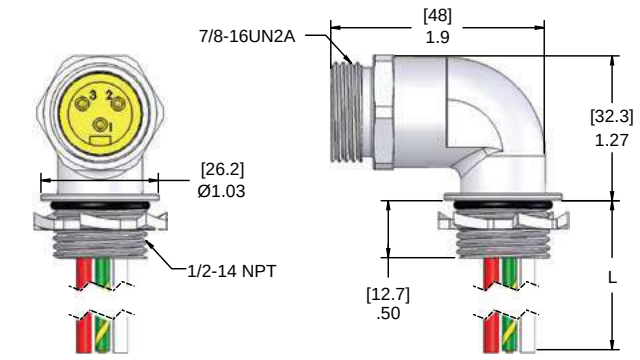
Front Mount, Male, 1/2”-14NPT, Euro Color Code Page A-48



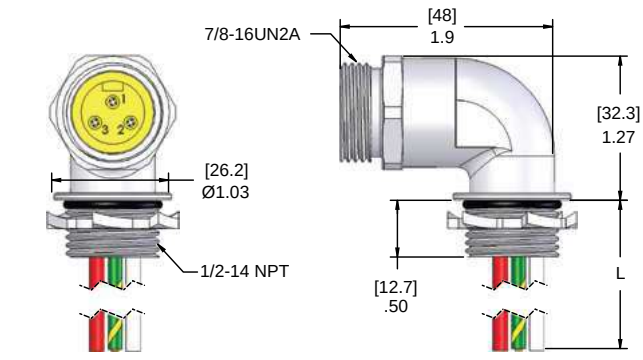
Front Mount, Female, 1/2”-14NPT, Euro Color Code Page A-48



Front Mount, Male, 1/2”-14NPT, Right Angle Page A-49



Front Mount, Female, 1/2”-14NPT, Right Angle Page A-49



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Front Mount, Male, PG11 Threads Page A-50

Front Mount, Female, PG11 Threads Page A-50

Front Mount, Male, PG13.5 Threads Page A-51

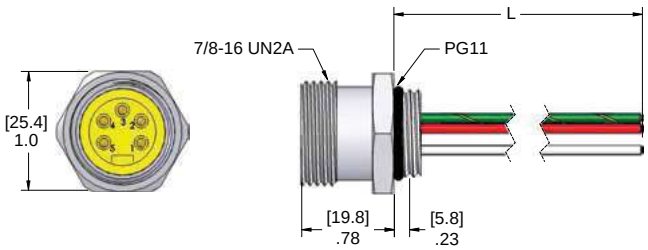
Front Mount, Female, PG13.5 Threads Page A-51

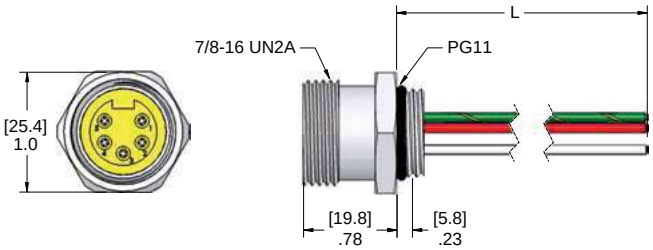
Front Mount, Male, M16 Threads Page A-52

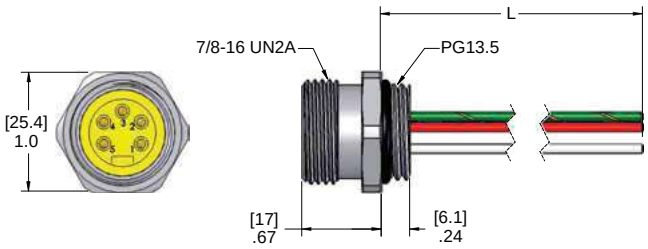
Front Mount, Female, M16 Threads Page A-52

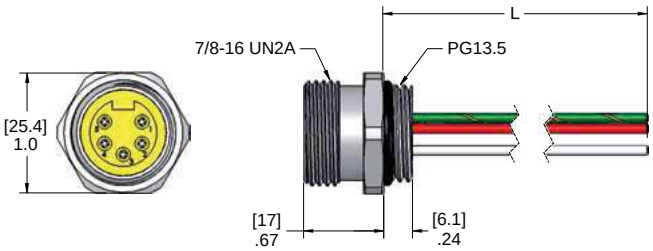
Front Mount, Male, M20 Threads Page A-53

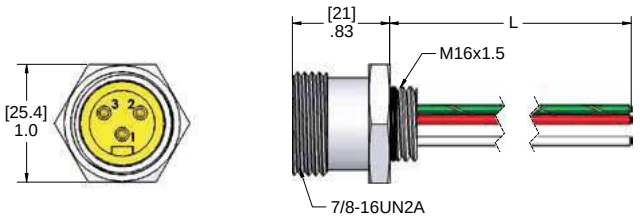
Front Mount, Female, M20 Threads Page A-53

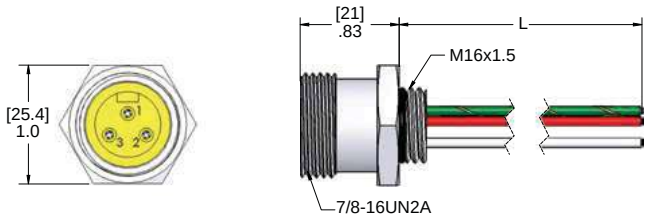




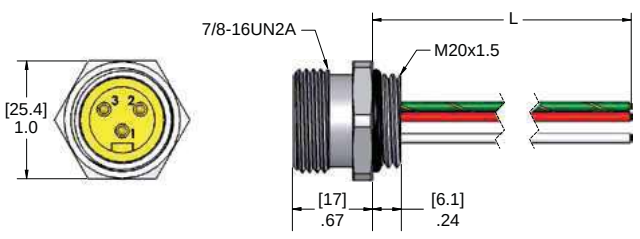


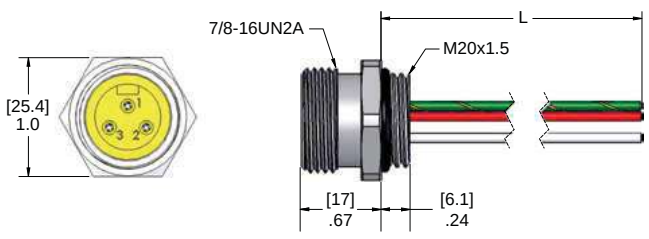






Male threaded shell shown - Female threaded shell also available.





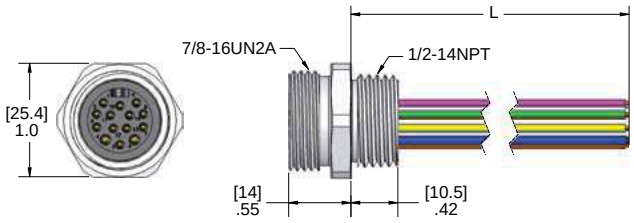
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7/8” MIN Series Size I Receptacles

MIN Series Size I Receptacle Index

Front Mount, Male, 14 Pole

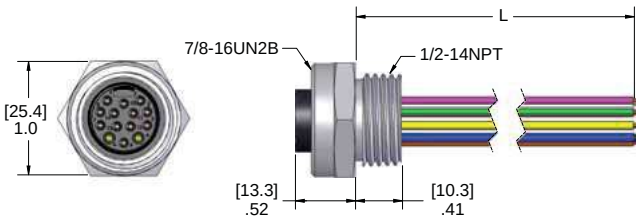
Page A-54



1/2-14 NPT shown - M16 & M20 also availble.

Front Mount, Female, 14 Pole

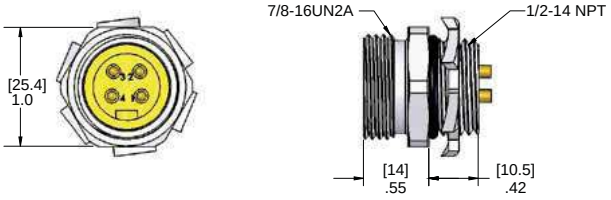
Page A-54



1/2-14 NPT shown - M16 & M20 also availble.

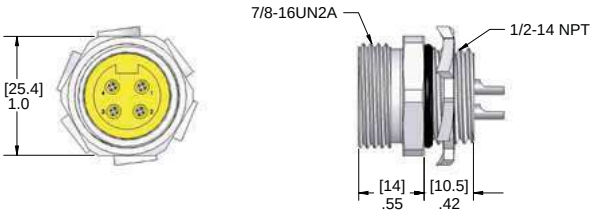
Front Mount, Male, 1/2”-14NPT, Solder Cups

Page A-55



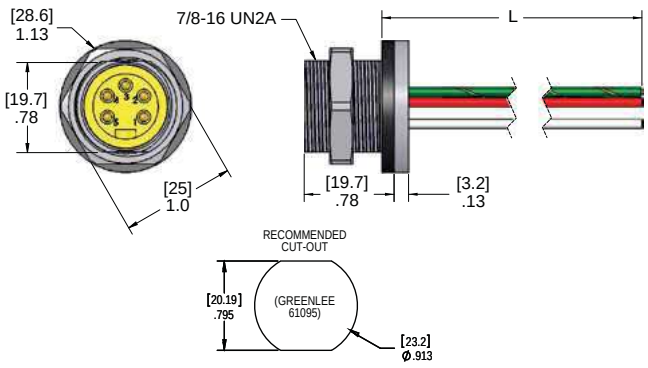
Front Mount, Female, 1/2”-14NPT, Solder Cups

Page A-55



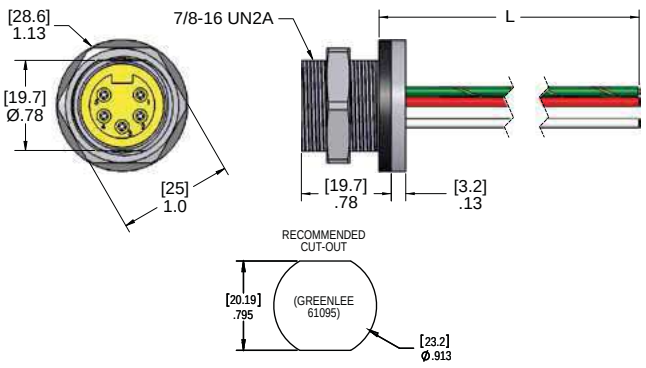
Back Mount, Male

Page A-56



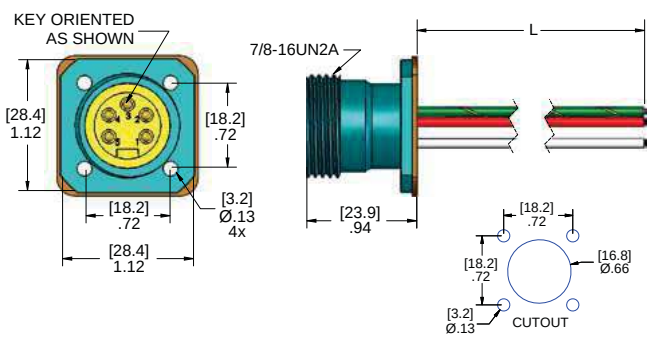
Back Mount, Female

Page A-56



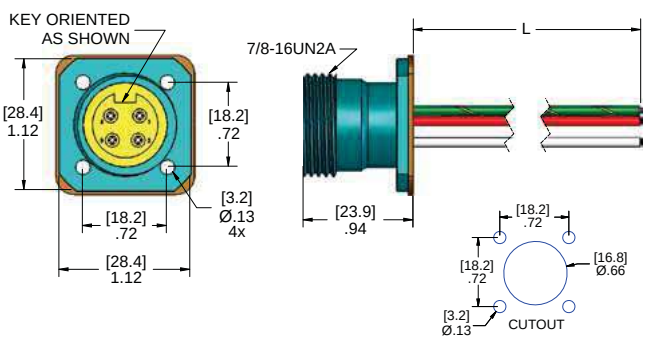
Panel Mount, Male

Page A-57



Panel Mount, Female

Page A-57



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PCB Mount, Male, 1/2”-14NPT Page A-58

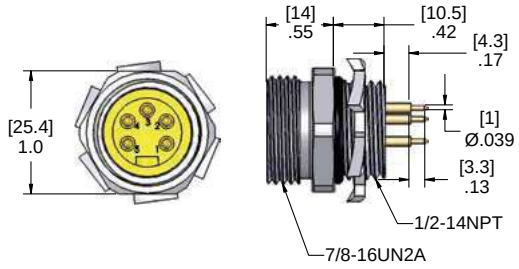
PCB Mount, Female, 1/2”-14NPT Page A-58

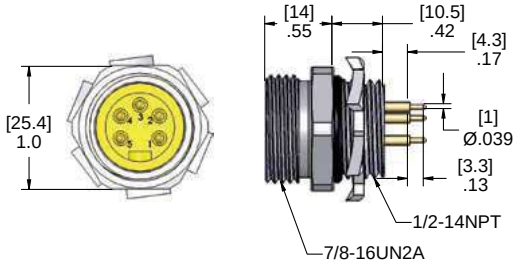
PCB Mount, Female, 1/2”-14NPT, Female Threads Page A-58

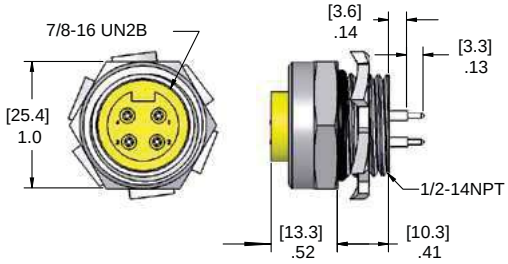
Through Panel Mount, Male to Female Page A-59

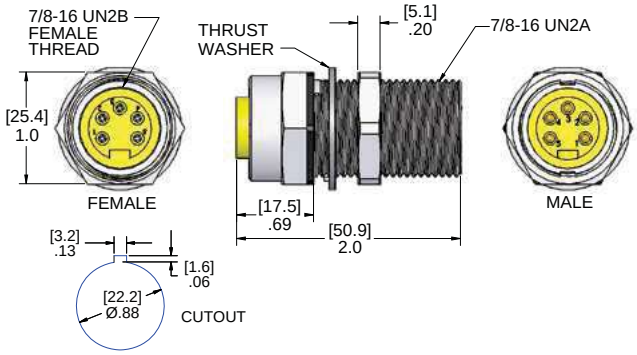
PCB Back Mount , Male Page A-58

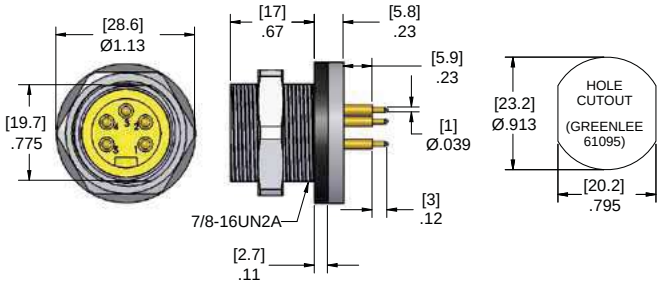
PCB Back Mount , Female Page A-58

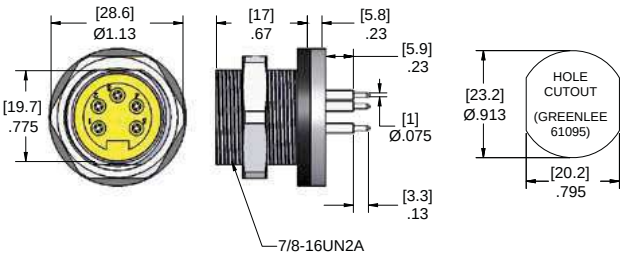












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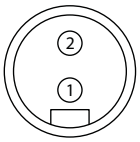
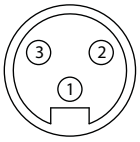
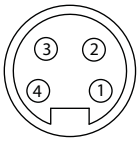
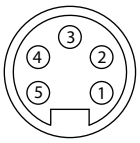
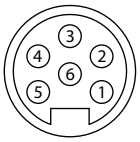


7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG

Front Mount Receptacles | 1/2”-14 NPT | IP69 Rating

c UL us LISTED

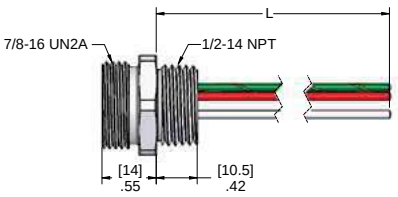
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles	
						Male Threads	Female Threads
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1	MIN-2FR-1	MIN-2FRF-1
			300V 10A	18 AWG	MIN-2MR-1-18	MIN-2FR-1-18	MIN-2FRF-1-18
			300V 4A	22 AWG	MIN-2MR-1-22	MIN-2FR-1-22	MIN-2FRF-1-22
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1	MIN-3FR-1	MIN-3FRF-1
			300V 8A	18 AWG	MIN-3MR-1-18	MIN-3FR-1-18	MIN-3FRF-1-18
			300V 4A	22 AWG	MIN-3MR-1-22	MIN-3FR-1-22	MIN-3FRF-1-22
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1	MIN-4FR-1	MIN-4FRF-1
			300V 5.5A	18 AWG	MIN-4MR-1-18	MIN-4FR-1-18	MIN-4FRF-1-18
			300V 4A	22 AWG	MIN-4MR-1-22	MIN-4FR-1-22	MIN-4FRF-1-22
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1	MIN-5FR-1	MIN-5FRF-1
			300V 5.5A	18 AWG	MIN-5MR-1-18	MIN-5FR-1-18	MIN-5FRF-1-18
			300V 4A	22 AWG	MIN-5MR-1-22	MIN-5FR-1-22	MIN-5FRF-1-22
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	600V 8A	16 AWG	MIN-6MR-1	MIN-6FR-1	MIN-6FRF-1
			300V 5.5A	18 AWG	MIN-6MR-1-18	MIN-6FR-1-18	MIN-6FRF-1-18
			300V 4A	22 AWG	MIN-6MR-1-22	MIN-6FR-1-22	MIN-6FRF-1-22

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum. For stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1 becomes MIN-3FR-1-SS)
For nylon shell add a “-N” suffix. (e.g. MIN-3FR-1 becomes MIN-3FR-1-N) Plastic only available for male threads.
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MIN-3FR-1 becomes MIN-3FR-1-G)
O-ring and lock nut are included on lead lengths of 15” or longer.

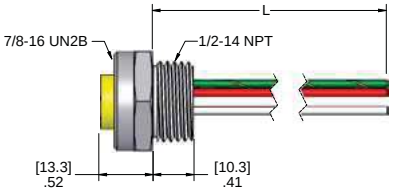
Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105ºC, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V
	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

Male & Female Receptacle (Male Threads)



Female Receptacle (Female Threads)



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7/8” MIN Series Size I Receptacles

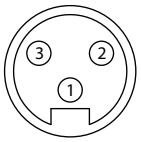
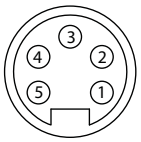
3 & 5 Conductor MIN Series Size I Receptacles, 16/18/22AWG



Front Mount Receptacles | Automotive Color Code | 1/2”-14 NPT | IP69 Rating

These color codes are available in most shell configurations.Please contact factory for part numbers and availability.

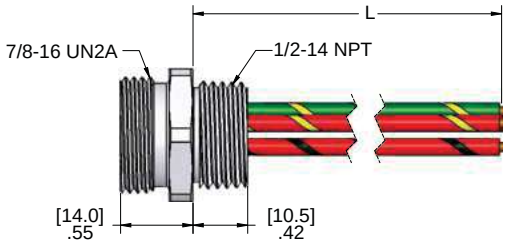
c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 7/8”-16UN2	**North American Auto Color Code** 1. Green/Yellow 2. Red/Black 3. Red/White	600V 13A	16 AWG	MIN-3MR-1A	MIN-3FR-1A
			300V 8A	18 AWG	MIN-3MR-1A-18	MIN-3FR-1A-18
			300V 4A	22 AWG	MIN-3MR-1A-22	MIN-3FR-1A-22
5	 7/8”-16UN2	**North American Auto Color Code** 1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	600V 8A	16 AWG	MIN-5MR-1A	MIN-5FR-1A
			300V 5.5A	18 AWG	MIN-5MR-1A-18	MIN-5FR-1A-18
			300V 4A	22 AWG	MIN-5MR-1A-22	MIN-5FR-1A-22

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum. For stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1A becomes MIN-3FR-1A-SS)
For nylon shell add a “-N” suffix. (e.g. MIN-3FR-1A becomes MIN-3FR-1A-N) Plastic only available for male threads.
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MIN-3FR-1A becomes MIN-3FR-1A-G)
O-ring and lock nut are included on lead lengths of 15” or longer.

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V
	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to 105°C (-40°F to +221°F)



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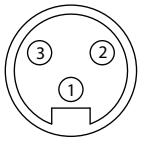
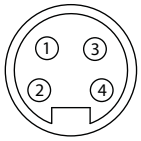
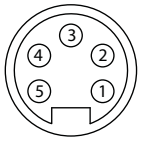
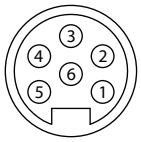
7/8” MIN Series Size I Receptacles

3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 18/22AWG

Front Mount Receptacles | IEC Color Code | 1/2”-14 NPT | IP69 Rating

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These color codes are available in most shell configurations. Please contact factory for part numbers and availability.

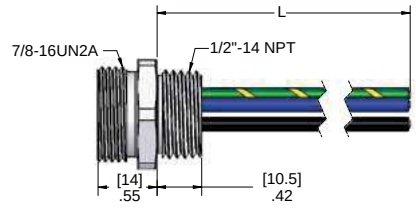
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 7/8”-16UN2	**European Cenelec** 1. Black 2. Brown 3. Blue	300V 8A	18 AWG	MINC-3MR-1-18	MINC-3FR-1-18
			300V 4A	22 AWG	MINC-3MR-1-22	MINC-3FR-1-22
		European 1. Green/Yellow 2. Brown 3. Blue	300V 10A	18 AWG	MINE-3MR-1-18	MINE-3FR-1-18
			300V 4A	22 AWG	MINE-3MR-1-22	MINE-3FR-1-22
4	 7/8”-16UN2	**European Cenelec** 1. Brown 2. White 3. Blue 4. Black	300V 5.5A	18 AWG	MINC-4MR-1-18	MINC-4FR-1-18
			300V 4A	22 AWG	MINC-4MR-1-22	MINC-4FR-1-22
5	 7/8”-16UN2	**European** 1. Black 2. Blue 3. Green/Yellow 4. Brown 5. White	300V 5.5A	18 AWG	MINE-5MR-1-18	MINE-5FR-1-18
			300V 4A	22 AWG	MINE-5MR-1-22	MINE-5FR-1-22
6	 7/8”-16UN2	**European** 1. Green 2. White 3. Blue 4. Gray 5. Yellow 6. Brown	300V 5.5A	18 AWG	MINE-6MR-1-18	MINE-6FR-1-18
			300V 4A	22 AWG	MINE-6MR-1-22	MINE-6FR-1-22

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum. For stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1-18 becomes MIN-3FR-1-18-SS)
For nylon shell add a “-N” suffix. (e.g. MIN-3FR-1-18 becomes MIN-3FR-1-18-N) Plastic only available for male threads.
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MIN-3FR-1-18 becomes MIN-3FR-1-18-G)
O-ring and lock nut are included on lead lengths of 15” or longer.

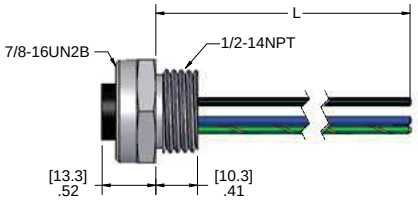
Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105ºC, Oil Resistant Black/Yellow PVC
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

Male Receptacle



Female Receptacle



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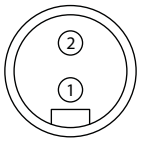
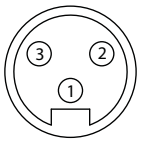
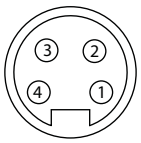
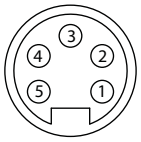
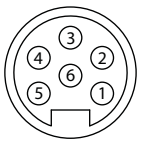
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG



Right Angle Front Mount Receptacles | 1/2”-14 NPT Threads | IP69 Rating

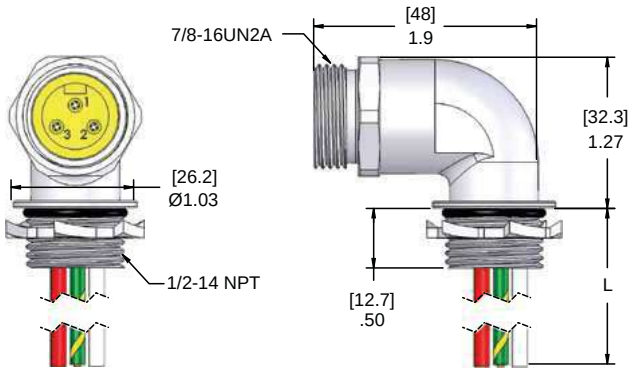
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1-R	MIN-2FR-1-R
			300V 10A	18 AWG	MIN-2MR-1-18-R	MIN-2FR-1-18-R
			300V 4A	22 AWG	MIN-2MR-1-22-R	MIN-2FR-1-22-R
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1-R	MIN-3FR-1-R
			300V 10A	18 AWG	MIN-3MR-1-18-R	MIN-3FR-1-18-R
			300V 4A	22 AWG	MIN-3MR-1-22-R	MIN-3FR-1-22-R
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1-R	MIN-4FR-1-R
			300V 5.5A	18 AWG	MIN-4MR-1-18-R	MIN-4FR-1-18-R
			300V 4A	22 AWG	MIN-4MR-1-22-R	MIN-4FR-1-22-R
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1-R	MIN-5FR-1-R
			300V 5.5A	18 AWG	MIN-5MR-1-18-R	MIN-5FR-1-18-R
			300V 4A	22 AWG	MIN-5MR-1-22-R	MIN-5FR-1-22-R
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	300V 8A	16 AWG	MIN-6MR-1-R	MIN-6FR-1-R
			300V 5.5A	18 AWG	MIN-6MR-1-18-R	MIN-6FR-1-18-R
			300V 4A	22 AWG	MIN-6MR-1-22-R	MIN-6FR-1-22-R

10” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Hex: Clear Anodized Aluminum Elbow: Zinc Die Cast
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V 18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to 105°C (-40°F to +221°F)



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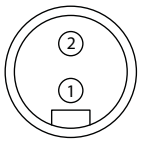
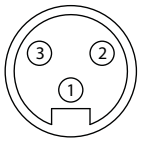
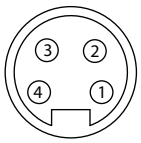
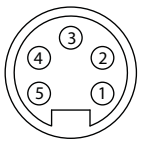
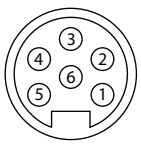


7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG

Front Mount Receptacles | European PG 11 Threads | IP69 Rating

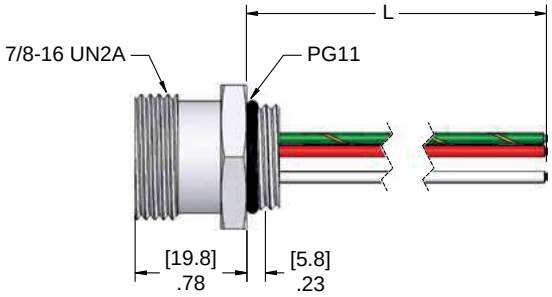
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1-PG11	MIN-2FR-1-PG11
			300V 10A	18 AWG	MIN-2MR-1-18-PG11	MIN-2FR-1-18-PG11
			300V 4A	22 AWG	MIN-2MR-1-22-PG11	MIN-2FR-1-22-PG11
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1-PG11	MIN-3FR-1-PG11
			300V 10A	18 AWG	MIN-3MR-1-18-PG11	MIN-3FR-1-18-PG11
			300V 4A	22 AWG	MIN-3MR-1-22-PG11	MIN-3FR-1-22-PG11
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1-PG11	MIN-4FR-1-PG11
			300V 5.5A	18 AWG	MIN-4MR-1-18-PG11	MIN-4FR-1-18-PG11
			300V 4A	22 AWG	MIN-4MR-1-22-PG11	MIN-4FR-1-22-PG11
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1-PG11	MIN-5FR-1-PG11
			300V 5.5A	18 AWG	MIN-5MR-1-18-PG11	MIN-5FR-1-18-PG11
			300V 4A	22 AWG	MIN-5MR-1-22-PG11	MIN-5FR-1-22-PG11
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	600V 8A	16 AWG	MIN-6MR-1-PG11	MIN-6FR-1-PG11
			300V 5.5A	18 AWG	MIN-6MR-1-18-PG11	MIN-6FR-1-18-PG11
			300V 4A	22 AWG	MIN-6MR-1-22-PG11	MIN-6FR-1-22-PG11

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum. For stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1-18-PG11 becomes MIN-3FR-1-18-PG11-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105ºC, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V
	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)



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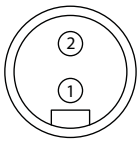
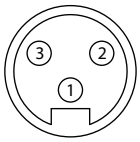
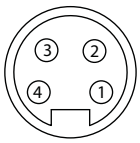
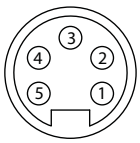
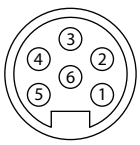
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG



Front Mount Receptacles | European PG 13.5 Threads | IP69 Rating

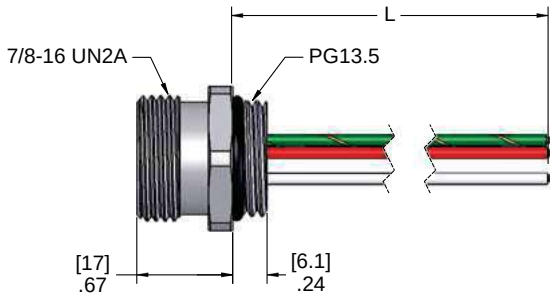
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1-PG13.5	MIN-2FR-1-PG13.5
			300V 10A	18 AWG	MIN-2MR-1-18-PG13.5	MIN-2FR-1-18-PG13.5
			300V 4A	22 AWG	MIN-2MR-1-22-PG13.5	MIN-2FR-1-22-PG13.5
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1-PG13.5	MIN-3FR-1-PG13.5
			300V 10A	18 AWG	MIN-3MR-1-18-PG13.5	MIN-3FR-1-18-PG13.5
			300V 4A	22 AWG	MIN-3MR-1-22-PG13.5	MIN-3FR-1-22-PG13.5
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1-PG13.5	MIN-4FR-1-PG13.5
			300V 5.5A	18 AWG	MIN-4MR-1-18-PG13.5	MIN-4FR-1-18-PG13.5
			300V 4A	22 AWG	MIN-4MR-1-22-PG13.5	MIN-4FR-1-22-PG13.5
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1-PG13.5	MIN-5FR-1-PG13.5
			300V 5.5A	18 AWG	MIN-5MR-1-18-PG13.5	MIN-5FR-1-18-PG13.5
			300V 4A	22 AWG	MIN-5MR-1-22-PG13.5	MIN-5FR-1-22-PG13.5
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	600V 8A	16 AWG	MIN-6MR-1-PG13.5	MIN-6FR-1-PG13.5
			300V 5.5A	18 AWG	MIN-6MR-1-18-PG13.5	MIN-6FR-1-18-PG13.5
			300V 4A	22 AWG	MIN-6MR-1-22-PG13.5	MIN-6FR-1-22-PG13.5

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum. For stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1-18-PG13.5 becomes MIN-3FR-1-18-PG13.5-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V
	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)



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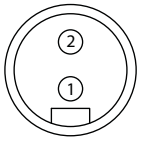
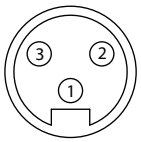
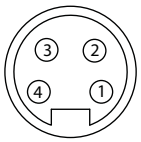
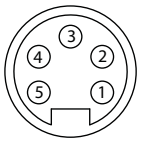
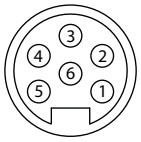


7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG

Front Mount Receptacles | M16 x 1.5 Threads | IP69 Rating

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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles	
						Male Threads	Female Threads
2	 7/8”-16UN2	**North American** 1. White 2. Black	300V 10A	18 AWG	MIN-2MR-1-18-M16	MIN-2FR-1-18-M16	MIN-2FRF-1-18-M16
			300V 4A	22 AWG	MIN-2MR-1-22-M16	MIN-2FR-1-22-M16	MIN-2FRF-1-22-M16
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	300V 10A	18 AWG	MIN-3MR-1-18-M16	MIN-3FR-1-18-M16	MIN-3FRF-1-18-M16
			300V 4A	22 AWG	MIN-3MR-1-22-M16	MIN-3FR-1-22-M16	MIN-3FRF-1-22-M16
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	300V 5.5A	18 AWG	MIN-4MR-1-18-M16	MIN-4FR-1-18-M16	MIN-4FRF-1-18-M16
			300V 4A	22 AWG	MIN-4MR-1-22-M16	MIN-4FR-1-22-M16	MIN-4FRF-1-22-M16
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	300V 5.5A	18 AWG	MIN-5MR-1-18-M16	MIN-5FR-1-18-M16	MIN-5FRF-1-18-M16
			300V 4A	22 AWG	MIN-5MR-1-22-M16	MIN-5FR-1-22-M16	MIN-5FRF-1-22-M16
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	300V 5.5A	18 AWG	MIN-6MR-1-18-M16	MIN-6FR-1-18-M16	MIN-6FRF-1-18-M16
			300V 4A	22 AWG	MIN-6MR-1-22-M16	MIN-6FR-1-22-M16	MIN-6FRF-1-22-M16

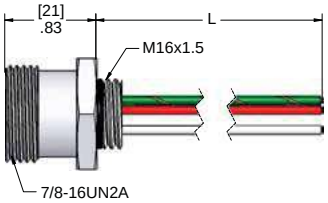
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Standard shell is anodized aluminum, for stainless steel shell add a “-SS” suffix. (e.g. MIN-3MR-1-18-M16 becomes MIN-3MR-1-18-M16-SS)

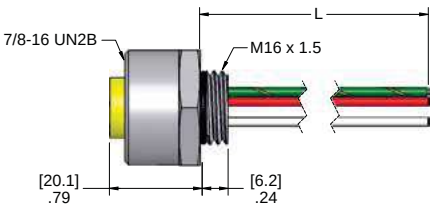
Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

Male & Female Receptacle (Male Threads)



Female Receptacle (Female Threads)



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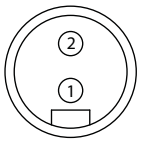
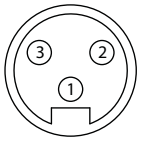
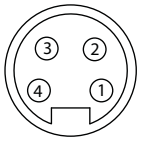
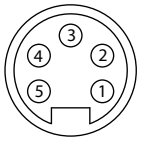
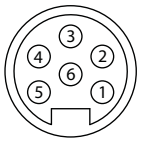
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 18/22AWG



Front Mount Receptacles | M20 x 1.5 Threads | IP69 Rating

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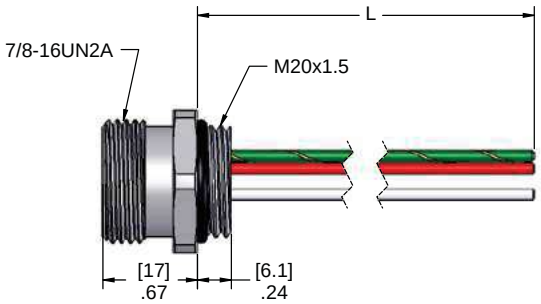
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	**North American** 1. White 2. Black	300V 10A	18 AWG	MIN-2MR-1-18-M20	MIN-2FR-1-18-M20
			300V 4A	22 AWG	MIN-2MR-1-22-M20	MIN-2FR-1-22-M20
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	300V 10A	18 AWG	MIN-3MR-1-18-M20	MIN-3FR-1-18-M20
			300V 4A	22 AWG	MIN-3MR-1-22-M20	MIN-3FR-1-22-M20
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	300V 5.5A	18 AWG	MIN-4MR-1-18-M20	MIN-4FR-1-18-M20
			300V 4A	22 AWG	MIN-4MR-1-22-M20	MIN-4FR-1-22-M20
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	300V 5.5A	18 AWG	MIN-5MR-1-18-M20	MIN-5FR-1-18-M20
			300V 4A	22 AWG	MIN-5MR-1-22-M20	MIN-5FR-1-22-M20
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	300V 5.5A	18 AWG	MIN-6MR-1-18-M20	MIN-6FR-1-18-M20
			300V 4A	22 AWG	MIN-6MR-1-22-M20	MIN-6FR-1-22-M20

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Standard shell is anodized aluminum, for stainless steel shell add a “-SS” suffix. (e.g. MIN-3MR-1-18-M20 becomes MIN-3MR-1-18-M20-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)



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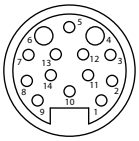


7/8” MIN Series Size I Receptacles

14 Conductor MIN Series Size I Receptacles, 18/22AWG

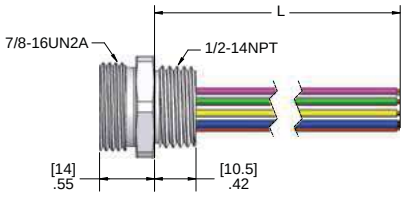
Front Mount Receptacles | 1/2”-14 NPT Threads | Metric Threads | IP69 Rating

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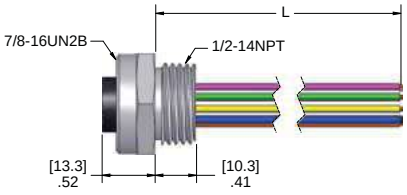
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Mounting Threads	Male Receptacles	Female Receptacles
14	 7/8”-16UN2	**North American** 1. Gray/Pink 2. White/Green 3. White/Yellow 4. Brown*** 5. Brown/Yellow 6. Blue*** 7. Yellow 8. Green 9. Pink 10. White 11. Red/Blue 12. Brown/Green 13. Gray 14. Red	2 x 18 AWG 300V 6A 12 x 22 AWG 300V 1A	1/2” NPT	MIN-14MR-1	MIN-14FR-1
				M16 x 1.5	MIN-14MR-1-M16	MIN-14FR-1-M16
				M20 x 1.5	MIN-14MR-1-M20	N/A

***Note : Pins 4 and 6 have 18AWG wires. Other lengths are available, please consult the factory.
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum, for stainless steel shell add a “-SS” suffix. (e.g. MIN-14MR-1-M16 becomes MIN-14MR-1-M16-SS)
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MIN-14MR-1 becomes MIN-14MR-1-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are included.

1/2”-14 NPT Threads

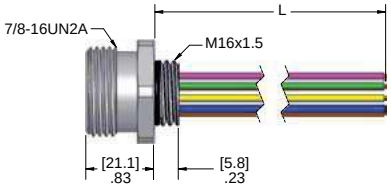


Male Receptacle

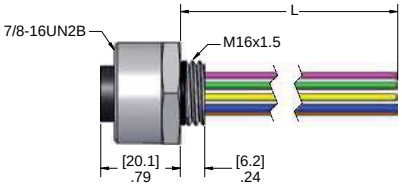


Female Receptacle

M16 Threads

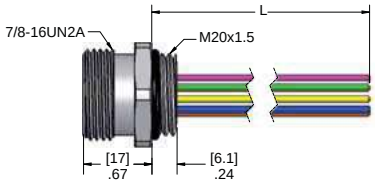


Male Receptacle



Female Receptacle

M20 Threads



Male Receptacle

Specifications:

Shell:	Clear Anodized Aluminum	Seal:	NBR
Insert:	Black Polyamide	O-Ring:	Metric Receptacles Only: NBR
Wire:	18 & 22 AWG UL Style 1007/1569, 300V	Lock Nut:	Zinc Plated Brass
		Jam Nut:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 80°C (-40°F to +176°F)

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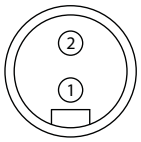
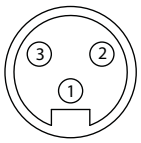
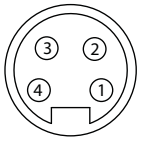
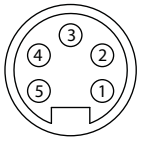
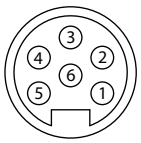
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16AWG



Front Mount Receptacles | Solder Cup | 1/2”-14 NPT | Non-UL | IP69 Rating

Metric or PG threads are available, please consult the factory for part numbers.

# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	600V 13A MAX	16 AWG MAX	MIN-2MR-SC	MIN-2FR-SC
3	 7/8”-16UN2	600V 13A MAX	16 AWG MAX	MIN-3MR-SC	MIN-3FR-SC
4	 7/8”-16UN2	600V 10A MAX	16 AWG MAX	MIN-4MR-SC	MIN-4FR-SC
5	 7/8”-16UN2	600V 8A MAX	16 AWG MAX	MIN-5MR-SC	MIN-5FR-SC
6	 7/8”-16UN2	600V 8A MAX	16 AWG MAX	MIN-6MR-SC	MIN-6FR-SC

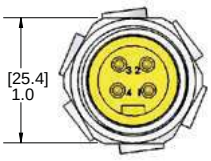
Voltage and amperage ratings are wire dependent and are based on 600V 16AWG wire.

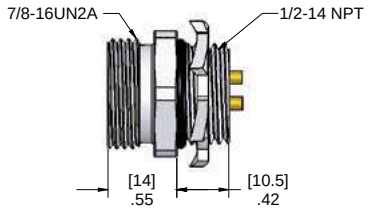
Wires with lower voltage ratings and smaller conductors will lower these ratings.

Standard shell is anodized aluminum, for stainless steel shell add a “-SS” suffix. (e.g. MIN-4MR-SC becomes MIN-4MR-SC-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-A
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to 105°C (-40°F to +221°F)





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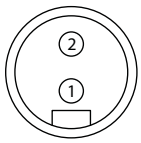
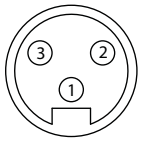
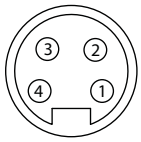
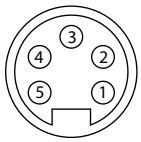
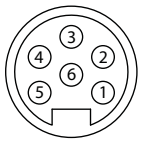


7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG

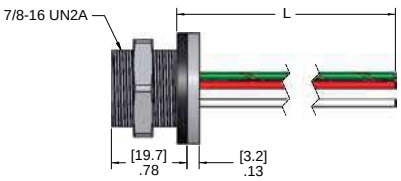
Back Mount Receptacles | IP69 Rating

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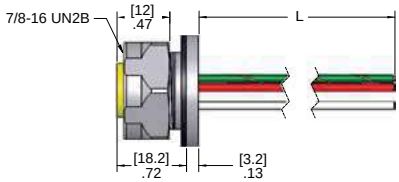
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles	
						Male Threads	Female Threads
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1-BM	MIN-2FR-1-BM	MIN-2FRF-1-BM
			300V 10A	18 AWG	MIN-2MR-1-18-BM	MIN-2FR-1-18-BM	MIN-2FRF-1-18-BM
			300V 4A	22 AWG	MIN-2MR-.5-22-BM	MIN-2FR-1-22-BM	MIN-2FRF-1-22-BM
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1-BM	MIN-3FR-1-BM	MIN-3FRF-1-BM
			300V 10A	18 AWG	MIN-3MR-1-18-BM	MIN-3FR-1-18-BM	MIN-3FRF-1-18-BM
			300V 4A	22 AWG	MIN-3MR-.5-22-BM	MIN-3FR-1-22-BM	MIN-3FRF-1-22-BM
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1-BM	MIN-4FR-1-BM	MIN-4FRF-1-BM
			300V 5.5A	18 AWG	MIN-4MR-1-18-BM	MIN-4FR-1-18-BM	MIN-4FRF-1-18-BM
			300V 4A	22 AWG	MIN-4MR-.5-22-BM	MIN-4FR-1-22-BM	MIN-4FRF-1-22-BM
5	 7/8”-16UN2	**North American** 1. Red/White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1-BM	MIN-5FR-1-BM	MIN-5FRF-1-BM
			300V 5.5A	18 AWG	MIN-5MR-1-18-BM	MIN-5FR-1-18-BM	MIN-5FRF-1-18-BM
			300V 4A	22 AWG	MIN-5MR-.5-22-BM	MIN-5FR-1-22-BM	MIN-5FRF-1-22-BM
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	300V 8A	16 AWG	MIN-6MR-1-BM	MIN-6FR-1-BM	MIN-6FRF-1-BM
			300V 5.5A	18 AWG	MIN-6MR-1-18-BM	MIN-6FR-1-18-BM	MIN-6FRF-1-18-BM
			300V 4A	22 AWG	MIN-6MR-.5-22-BM	MIN-6FR-1-22-BM	MIN-6FRF-1-22-BM

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

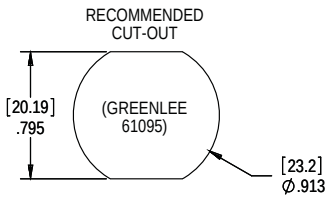
Standard shell is nickel plated brass, for stainless steel shell add a “-SS” suffix. (e.g. MIN-3FR-1-18-BM becomes MIN-3FR-1-18-BM-SS)



Male & Female Receptacle (Male Threads)



Female Receptacle (Female Threads)



Specifications:

Shell:	Nickel Plated Brass	Contacts:	Copper Alloy with Gold Plating
Insulator:	105°C, Oil Resistant Yellow PVC	Jam Nut:	Nickel Plated Brass
Wire:	16 AWG; UL Style 1015, 600 V	Gasket:	NBR
	18 & 22 AWG: UL Style 1007/1569, 300V	Temperature:	-40°C to 105°C (-40°F to +221°F)

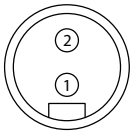
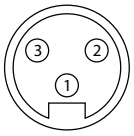
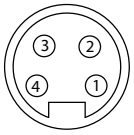
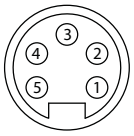
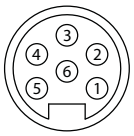
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7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles, 16/18/22AWG



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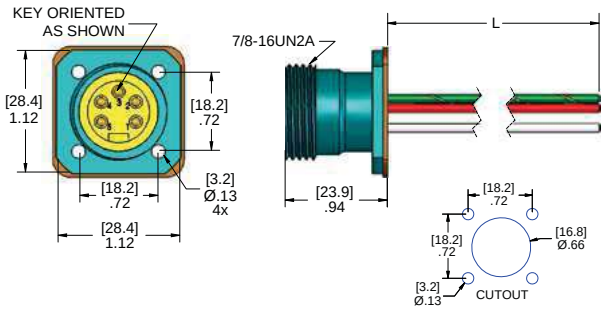
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 7/8”-16UN2	**North American** 1. White 2. Black	600V 13A	16 AWG	MIN-2MR-1-PM	MIN-2FR-1-PM
			300V 10A	18 AWG	MIN-2MR-1-18-PM	MIN-2FR-1-18-PM
			300V 4A	22 AWG	MIN-2MR-.5-22-PM	MIN-2FR-1-22-PM
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	600V 13A	16 AWG	MIN-3MR-1-PM	MIN-3FR-1-PM
			300V 10A	18 AWG	MIN-3MR-1-18-PM	MIN-3FR-1-18-PM
			300V 4A	22 AWG	MIN-3MR-.5-22-PM	MIN-3FR-1-22-PM
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	600V 10A	16 AWG	MIN-4MR-1-PM	MIN-4FR-1-PM
			300V 5.5A	18 AWG	MIN-4MR-1-18-PM	MIN-4FR-1-18-PM
			300V 4A	22 AWG	MIN-4MR-.5-22-PM	MIN-4FR-1-22-PM
5	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black	600V 8A	16 AWG	MIN-5MR-1-PM	MIN-5FR-1-PM
			300V 5.5A	18 AWG	MIN-5MR-1-18-PM	MIN-5FR-1-18-PM
			300V 4A	22 AWG	MIN-5MR-.5-22-PM	MIN-5FR-1-22-PM
6	 7/8”-16UN2	**North American** 1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	300V 8A	16 AWG	MIN-6MR-1-PM	MIN-6FR-1-PM
			300V 5.5A	18 AWG	MIN-6MR-1-18-PM	MIN-6FR-1-18-PM
			300V 4A	22 AWG	MIN-6MR-.5-22-PM	MIN-6FR-1-22-PM

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Flat gasket is included.

Specifications:

Shell:	Blue Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	16 AWG: UL Style 1015, 600V
	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



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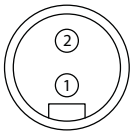
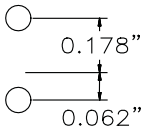
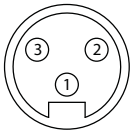
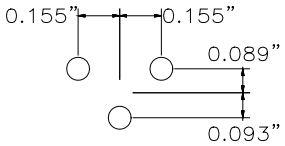
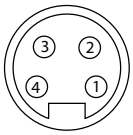
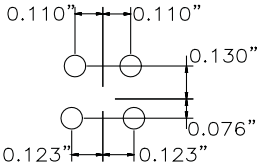
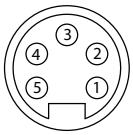
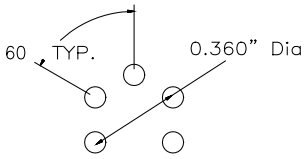
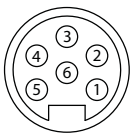
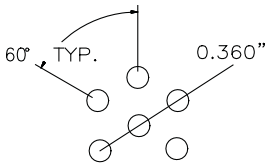
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles

PCB Front Mount 1/2”-14 NPT Threads | PCB Back Mount | IP69 Rating

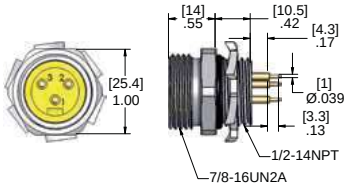
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Metric or PG threads may be available, please consult the factory for part numbers.

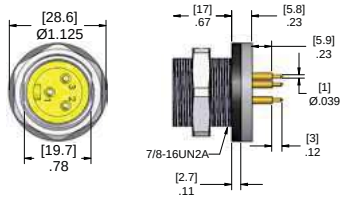
# of Poles	Male Faceview	Rating	Mounting Style	Male Receptacles	Female Receptacles	Pin Out
2	 7/8”-16UN2	600V 13A	PCB Mount	MIN-2MR-PCB	MIN-2FR-PCB	
			PCB Mount (Female Threads)	N/A	MIN-2FRF-PCB	
			PCB Back Mount	MIN-2MR-BM-PCB	MIN-2FR-BM-PCB	
3	 7/8”-16UN2	600V 13A	PCB Mount	MIN-3MR-PCB	MIN-3FR-PCB	
			PCB Mount (Female Threads)	N/A	MIN-3FRF-PCB	
			PCB Back Mount	MIN-3MR-BM-PCB	MIN-3FR-BM-PCB	
4	 7/8”-16UN2	600V 10A	PCB Mount	MIN-4MR-PCB	MIN-4FR-PCB	
			PCB Mount (Female Threads)	N/A	MIN-4FRF-PCB	
			PCB Back Mount	MIN-4MR-BM-PCB	MIN-4FR-BM-PCB	
5	 7/8”-16UN2	600V 8A	PCB Mount	MIN-5MR-PCB	MIN-5FR-PCB	
			PCB Mount (Female Threads)	N/A	MIN-5FRF-PCB	
			PCB Back Mount	MIN-5MR-BM-PCB	MIN-5FR-BM-PCB	
6	 7/8”-16UN2	600V 8A	PCB Mount	MIN-6MR-PCB	MIN-6FR-PCB	
			PCB Mount (Female Threads)	N/A	MIN-6FRF-PCB	
			PCB Back Mount	MIN-6MR-BM-PCB	MIN-6FR-BM-PCB	

Specifications:

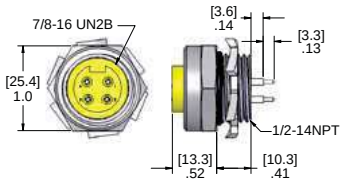
Shell:	Front Mount: Clear Anodized Aluminum Back Mount: Nickel Plated Brass
Insulator:	105°C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Gasket:	NBR
Jam Nut:	Nickel Plated Brass
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to 105°C (-40°F to +221°F)



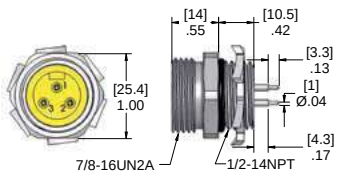
Male Front Mount Receptacle



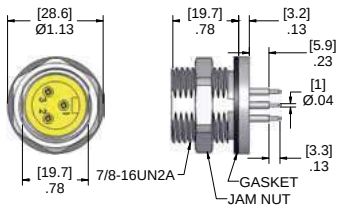
Male Back Mount Receptacle



Female Front Mount Receptacle (Female Threads)



Female Front Mount Receptacle



Female Back Mount Receptacle

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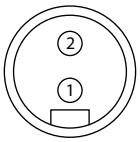
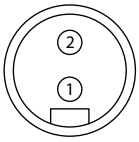
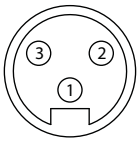
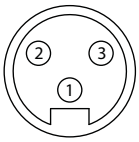
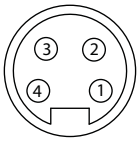
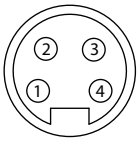
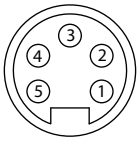
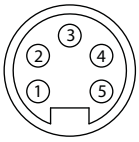
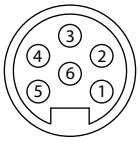
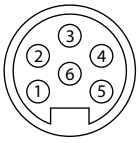
7/8” MIN Series Size I Receptacles

2, 3, 4, 5 & 6 Conductor MIN Series Size I Receptacles



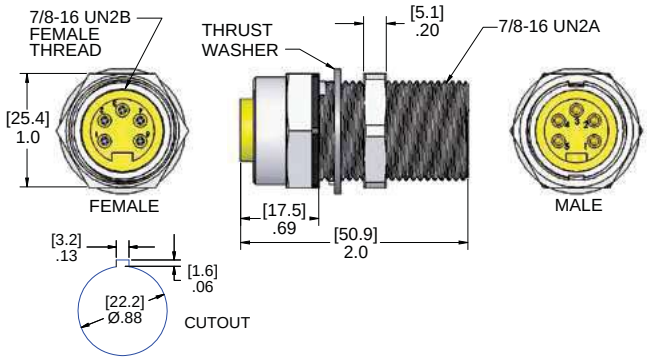
Male-Female Through Panel Mount Receptacles | IP69 Rating

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# of Poles	Male Faceview	Rating	Part Number	Wiring	Female Faceview
2	 7/8”-16UN2	600V 13A	MIN-2MFRF-TM	1 to 1 2 to 2	 7/8”-16UN2
3	 7/8”-16UN2	600V 13A	MIN-3MFRF-TM	1 to 1 2 to 2 3 to 3	 7/8”-16UN2
4	 7/8”-16UN2	600V 10A	MIN-4MFRF-TM	1 to 1 2 to 2 3 to 3 4 to 4	 7/8”-16UN2
5	 7/8”-16UN2	600V 8A	MIN-5MFRF-TM	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5	 7/8”-16UN2
6	 7/8”-16UN2	600V 8A	MIN-6MFRF-TM	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5 6 to 6	 7/8”-16UN2

Specifications:

Shell:	Nickel Plated Brass
Insulator:	105°C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
Thrust Washer:	Zinc Die-Cast
Sealing Washer:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



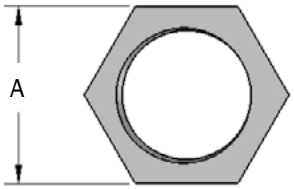
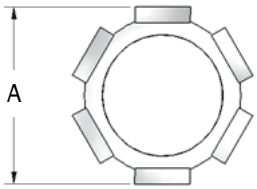
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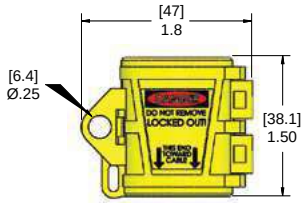


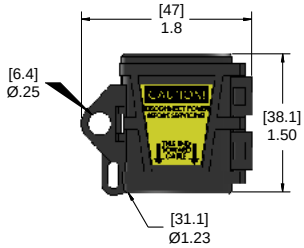
7/8” MIN Series Size I Accessories

MIN Series Size I Jam Nuts, Lock Nut , Lock & Lockout

NPT, PG, 7/8-16 & Metric Threads Jam & Lock Nuts | MIN Size I Lock & Lockout

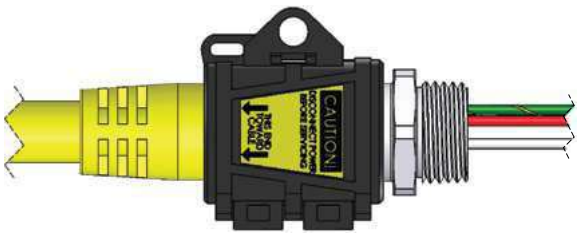
Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	MIN-78-NUT-H	7/8-16 UN2B	25.4 mm	5.1 mm	Nickel Plated Brass
	211M	PG 11	21 mm	3.0 mm	Nickel Plated Brass
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	2M16M	M16 x 1.5	19 mm	2.8 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
Lock Nut					
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated Steel

MIN Size I Lockout	Part Number	Connection	Material
	MIN-LOCKOUT	7/8” MIN Size I Plug	Polyamide

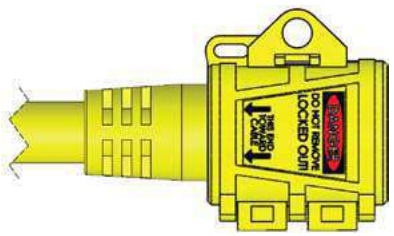
MIN Size I Lock	Part Number	Connection	Material
	MIN-LOCK	7/8” MIN Size I Plug to Receptacle	Polyamide

MIN-LOCK is designed to secure the connection between a straight MIN Size I plug and a mating receptacle.

To open lock, insert small flat blade screwdriver into slot below padlock hole.



MIN Size I Plug to Receptacle Only



MIN Size I Plug Lockout

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1” MIN Series Size II Cordsets

MIN Series Size II Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MIN[ ]-[ ][ ]-[ ]-[ ]-[ ]-[ ]-[ ]

Cable Type

Blank = PVC
P = PUR

Number of Conductors

6
7
8

Connector Configuration

MP = Male Plug, 16 awg
FP = Female Plug, 16 awg
MFP = Male / Female Extension -16 awg
MPX = Male Plug - 18awg
FPX = Female Plug - 18 awg
MFPX = Male / Female Extension - 18awg
MFRPX = Male Straight / Female Right Angle - 18awg
MRFPX = Male Right Angle / Female Straight - 18awg

Length in Feet

3
6
12
20
30
50

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Cable Color

Blank = Yellow/Black
B = Black
GY = Gray

Other Variables

Blank = STOOW/SJTOOW/AWM
C011 = TC-ER

Coupling Nut

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

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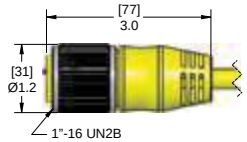
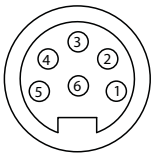
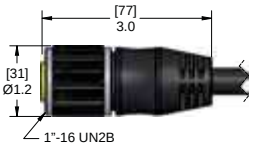
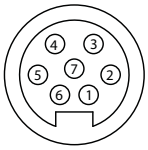
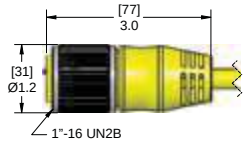


1” MIN Series Size II Cordsets

6 & 7 Conductor MIN Series Size II Cordsets, 16/18AWG

Straight Male Cordsets | 600V, 8A | 300V, 5.5/ 5A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6MP2-*	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.2mm OD	Industry Standard PVC	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	 1”-16UN2
	MIN-6MPX2-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-6MPX2-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-7MP-*-C011	Black PVC AWM 7 X 16 AWG 600V, 8A -40°C to +105°C 11mm OD	PVC TC-ER	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. **Green/Yellow**	 1”-16UN2
	MIN-7MPX-* (Yellow) MIN-7MPX-*-B (Black)	PVC AWM 7 X 18 AWG 300V, 5A -40°C to +105°C 8.3mm OD	Industry Standard PVC		
	MINP-7MPX-*	Yellow PUR AWM 7 X 18 AWG 300V, 5A -40°C to +80°C 8.3mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP2-3 becomes MIN-6MP2-3-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-6MP2-3 becomes MIN-6MPM2-3)

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1” MIN Series Size II Cordsets

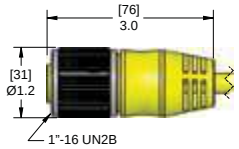
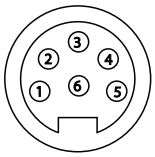
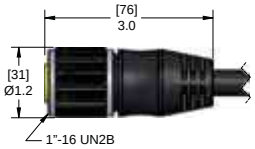
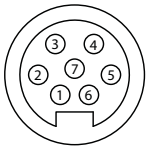
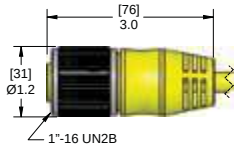
6 & 7 Conductor MIN Series Size II Cordsets, 16/18AWG



Straight Female Cordsets | 600V, 8A | 300V, 5.5/5A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6FP2-*	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.2mm OD	Industry Standard PVC	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	 1”-16UN2
	MIN-6FPX2-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-6FPX2-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-7FP-*-C011	Black PVC AWM 7 X 16 AWG 600V, 8A -40°C to +105°C 11mm OD	PVC TC-ER	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. **Green/Yellow**	 1”-16UN2
	MIN-7FPX-* (Yellow) MIN-7FPX-*-B (Black)	PVC AWM 7 X 18 AWG 300V, 5A -40°C to +105°C 8.3mm OD	Industry Standard PVC		
	MINP-7FPX-*	Yellow PUR AWM 7 X 18 AWG 300V, 5A -40°C to +80°C 8.3mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP2-3 becomes MIN-6FP2-3-SS)

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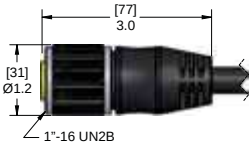
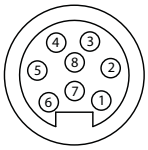
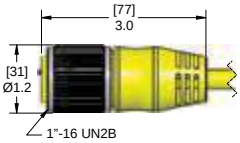


1” MIN Series Size II Cordsets

8 Conductor MIN Series Size II Cordsets, 16/18AWG

Straight Male Cordsets | 600V, 7A | 300V, 5A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-8MP-*-C011	Black PVC AWM 8 X 16 AWG 600V, 7A -40°C to +105°C 11.6mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	 1”-16UN2
	MIN-8MPX-* (Yellow) MIN-8MPX-*-B (Black)	PVC AWM 8 X 18 AWG 300V, 5A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-8MPX-*	Yellow PUR AWM 8 X 18 AWG 300V, 5A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP2-3 becomes MIN-6MP2-3-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-8MP2-3 becomes MIN-8MPM2-3)

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1” MIN Series Size II Cordsets

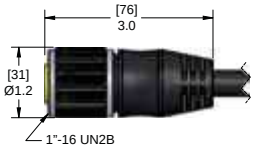
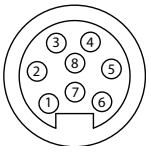
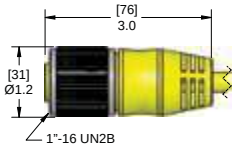
8 Conductor MIN Series Size II Cordsets, 16/18AWG



Straight Female Cordsets | 600V, 7A | 300V, 5A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-8FP-*-C011	Black PVC AWM 8 X 16 AWG 600V, 7A -40°C to +105°C 11.6mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	 1”-16UN2
	MIN-8FPX-* (Yellow) MIN-8FPX-*-B (Black)	PVC AWM 8 X 18 AWG 300V, 5A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-8FPX-*	Yellow PUR AWM 8 X 18 AWG 300V, 5A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-8FP2-3 becomes MIN-8FP2-3-SS)

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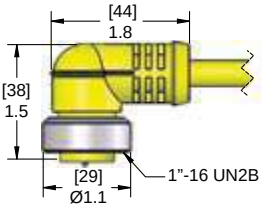
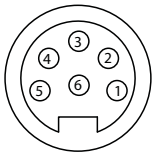
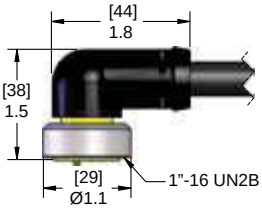
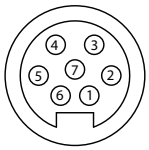
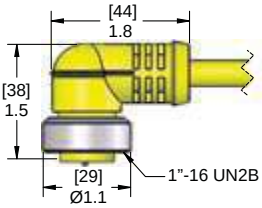
1” MIN Series Size II Cordsets

6 & 7 Conductor MIN Series Size II Cordsets, 16/18AWG

Right Angle Male Cordsets | 600V, 8A | 300V, 5.5/5A | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6MP2-*-R	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.2mm OD	Industry Standard PVC	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. **Green/Yellow**	 1”-16UN2
	MIN-6MPX2-*-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-6MPX2-*-R	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-7MP-*-R-C011	Black PVC AWM 7 X 16 AWG 600V, 8A -40°C to +105°C 11mm OD	PVC TC-ER	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1”-16UN2
	MIN-7MPX-*-R (Yellow) MIN-7MPX-*-R-B (Black)	PVC AWM 7 X 18 AWG 300V, 5A -40°C to +105°C 8.3mm OD	Industry Standard PVC		
	MINP-7MPX-*-R	Yellow PUR AWM 7 X 18 AWG 300V, 5A -40°C to +80°C 8.3mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP2-3-R becomes MIN-6MP2-3-R-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-6MP2-3-R becomes MIN-6MPM2-3-R)

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1” MIN Series Size II Cordsets

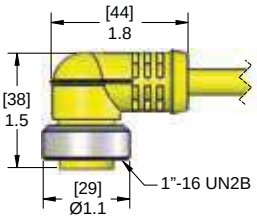
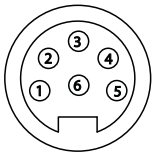
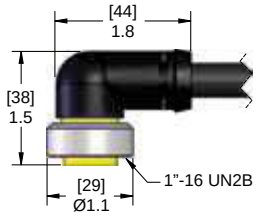
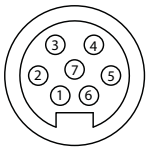
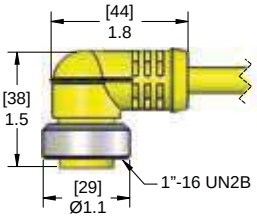
6 & 7 Conductor MIN Series Size II Cordsets, 16/18AWG



Right Angle Female Cordsets | 600V, 8A | 300V, 5.5/5A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-6FP2-*-R	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.2mm OD	Industry Standard PVC	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. **Green/Yellow**	 1”-16UN2
	MIN-6FPX2-*-R	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-6FPX2-*-R	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-7FP-*-R-C011	Black PVC AWM 7 X 16 AWG 600V, 8A -40°C to +105°C 11mm OD	PVC TC-ER	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1”-16UN2
	MIN-7FPX-*-R (Yellow) MIN-7FPX-*-R-B (Black)	PVC AWM 7 X 18 AWG 300V, 5A -40°C to +105°C 8.3mm OD	Industry Standard PVC		
	MINP-7FPX-*-R	Yellow PUR AWM 7 X 18 AWG 300V, 5A -40°C to +80°C 8.3mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP2-3-R becomes MIN-6FP2-3-R-SS)

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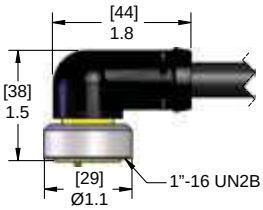
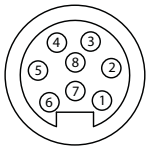
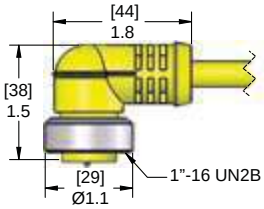
1” MIN Series Size II Cordsets

8 Conductor MIN Series Size II Cordsets, 16/18AWG

Right Angle Male Cordsets | 600V, 7A | 300V, 5A | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-8MP-*-R-C011	Black PVC AWM 8 X 16 AWG 600V, 7A -40°C to +105°C 11.6mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	 1”-16UN2
	MIN-8MPX-*-R (Yellow) MIN-8MPX-*-R-B (Black)	PVC AWM 8 X 18 AWG 300V, 5A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-8MPX-*-R	Yellow PUR AWM 8 X 18 AWG 300V, 5A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6MP2-3-R becomes MIN-6MP2-3-R-SS)

For male threaded coupling replace “MP” with “MPM”. (e.g. MIN-6MP2-3-R becomes MIN-6MPM2-3-R)

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1” MIN Series Size II Cordsets

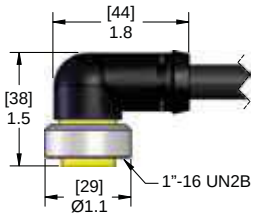
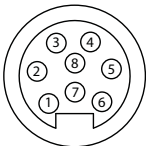
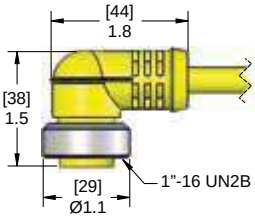
8 Conductor MIN Series Size II Cordsets, 16/18AWG



Right Angle Female Cordsets | 600V, 8A | 300V, 5A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-8FP-*-R-C011	Black PVC AWM 8 X 16 AWG 600V, 7A -40°C to +105°C 11.6mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	 1”-16UN2
	MIN-8FPX-*-R (Yellow) MIN-8FPX-*-R-B (Black)	PVC AWM 8 X 18 AWG 300V, 5A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-8FPX-*-R	Yellow PUR AWM 8 X 18 AWG 300V, 5A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP2-3-R becomes MIN-6FP2-3-R-SS)

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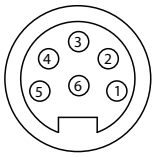
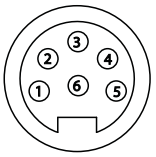
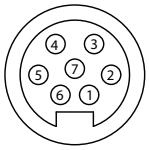
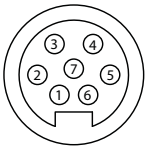
1” MIN Series Size II Cordsets

6 & 7 Conductor MIN Series Size II Cordsets, 16/18AWG

Double Ended Cordsets | 600V, 8A | 300V, 5.5A/5A | IP67 Rating

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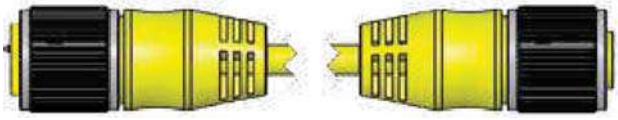


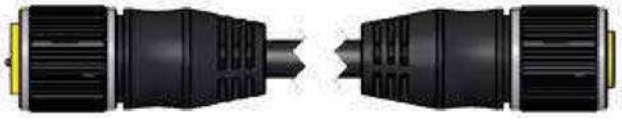
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1”-16UN2	MIN-6MFP2-*	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to +105°C 13.2mm OD	Industry Standard PVC	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	 1”-16UN2
	MIN-6MFPX2-*	Yellow PVC SJTOOW 6 X 18 AWG 300V, 5.5A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-6MFPX2-*	Yellow PUR AWM 6 X 18 AWG 300V, 5.5A -40°C to +80°C 8.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
 1”-16UN2	MIN-7MFP-*-C011	Black PVC AWM 7 X 16 AWG 600V, 8A -40°C to +105°C 11mm OD	PVC TC-ER	**North American** 1. **White/Black** 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1”-16UN2
	MIN-7MFPX-* (Yellow) MIN-7MFPX-*-B (Black)	PVC AWM 7 X 18 AWG 300V, 5A -40°C to +105°C 8.3mm OD	Industry Standard PVC		
	MINP-7MFPX-*	Yellow PUR AWM 7 X 18 AWG 300V, 5A -40°C to +80°C 8.3mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-7MFPX2-3 becomes MIN-7MFPX2-3-SS)

For male threaded coupling replace “MFP” with “MFPM”. (e.g. MIN-6MFP2-3 becomes MIN-6MFPM2-3)





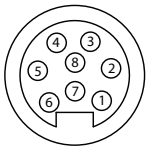
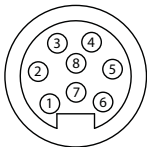
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1” MIN Series Size II Cordsets

8 Conductor MIN Series Size II Cordsets, 16/18AWG

Double Ended Cordsets | 600V, 7A | 300V, 5A | IP67 Rating

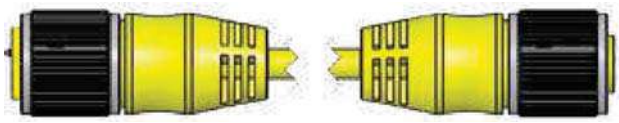


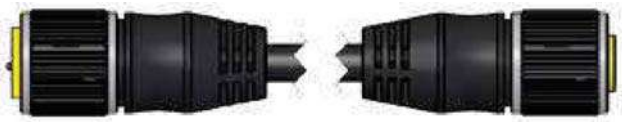
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1”-16UN2	MIN-8MFP-*-C011	Black PVC AWM 8 X 16 AWG 600V, 7A -40°C to +105°C 11.6mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	 1”-16UN2
	MIN-8MFPX-* (Yellow) MIN-8MFPX-*-B (Black)	PVC AWM 8 X 18 AWG 300V, 5A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-8MFPX-*	Yellow PUR AWM 8 X 18 AWG 300V, 5A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-8MFPX2-3 becomes MIN-8MFPX2-3-SS)

For male threaded coupling replace “MFP” with “MFPM”. (e.g. MIN-6MFP2-3 becomes MIN-6MFPM2-3)





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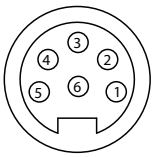
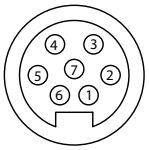
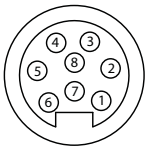


1” MIN Series Size II Accessories

MIN Series Size II Dummy Plugs

Dummy Plugs | Jumpered Pins | IP67 Rating

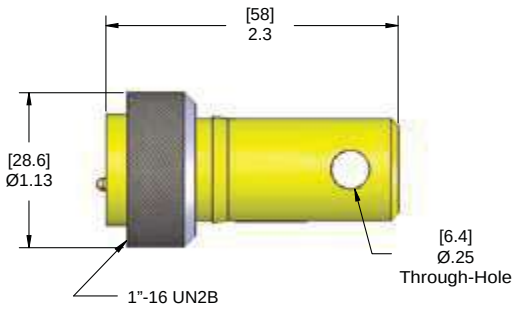


# of Poles	Male Faceview	Jumpers	Male Plugs	Female Plugs
6	 1”-16UN2	1 to 2 4 to 5	MIN-6MP2-DP1	MIN-6FP2-DP1
7	 1”-16UN2	1 to 2 3 to 4 5 to 6	MIN-7MP-DP1	MIN-7FP-DP1
8	 1”-16UN2	1 to 2 3 to 4	MIN-8MP-DP1	MIN-8FP-DP1

Standard coupling nut is anodized aluminum, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-6FP2-DP1 becomes MIN-6FP2-DP1-SS)
Alternate wiring is available, please consult the factory.

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Clear Anodized Aluminum
Jumpers:	18 AWG
Temperature:	-40°C to +105°C (-40°F to +221°F)

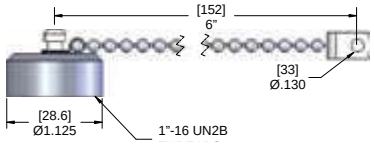
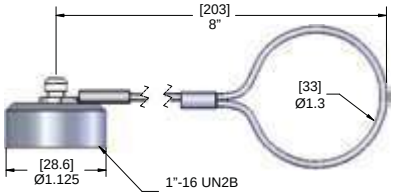
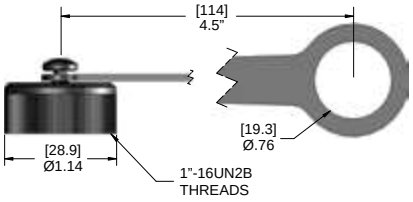
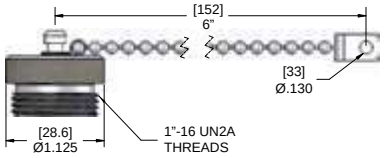
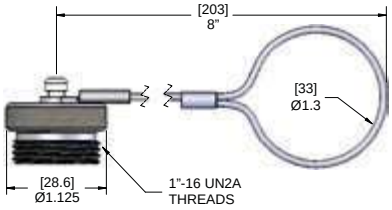


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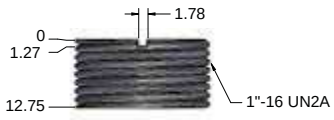
1” MIN Series Size II Accessories

MIN Series Size II Accessories



Metal/Plastic Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MIN-2-CAP	Nickel Plated Brass	Female	0.13”
	MIN-2-CAP-CBLY	Nickel Plated Brass	Female	1.3”
	MIN-2-CAP-PASW	Polyamide NBR with Tether***	Female	0.76”
Metal Closure Plugs				
	MIN-2-PLUG	Nickel Plated Brass	Male	0.13”
	MIN-2-PLUG-CBLY	Nickel Plated Brass	Male	1.3”

NBR tether and stainless steel lanyard are available for all MIN-2-CAP and MIN-2-PLUG. Please consult the factory for part number and availability.
***Tether mounts under receptacles with ½” NPT, M20 or M25 mounting threads and also serves as a gasket.

Adapter Coupling	Part Number	Material	Threads
	MIN-XMP2-AD	Nickel Plated Brass	Male
	MIN-XMP2-AD-SS	Stainless Steel	

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1” MIN Series Size II Accessories

6, 7 & 8 Conductor MIN Series Size II Accessory Cables

100’ Cables | Raw Cable Spools

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
6	**North American** Orange Blue Black White Red Green/Yellow	16 AWG	600V	PVC STOOW 13.3mm OD (0.52” OD)	Yellow	MIN-6CBL2-C	10E0003-*
		18 AWG	300V	PVC SJTOOW 10.1mm OD (0.40” OD)	Yellow	MIN-6CBLX2-C	10EX001-*
		18 AWG	300V	PUR AWM 8.5mm OD (0.33” OD)	Yellow	MINP-6CBLX2-C	10EXP01-*
7	**North American** White/Black Black White Red Orange Blue Green/Yellow	16 AWG	600V	PVC AWM 11mm OD (0.43” OD)	Black	MIN-7CBL-C011-C	10FTCB1-*
		18 AWG	300V	PVC AWM 8.3mm OD (0.32” OD)	Yellow	MIN-7CBLX2-C	10FX001-*
					Black	MIN-7CBLX2-C-B	10FXB01-*
		18 AWG	300V	PUR AWM 8.3mm OD (0.32” OD)	Yellow	MINP-7CBLX2-C	10FXP01-*
8	**North American** Orange Blue White/Black Black White Red Green/Yellow Red/Black	16 AWG	600V	PVC AWM 11.6mm OD (0.46” OD)	Black	MIN-8CBL-C011-C	10GTCB1-*
		18 AWG	300V	PVC AWM 9.1mm OD (0.35” OD)	Yellow	MIN-8CBLX2-C	17G0001-*
					Black	MIN-8CBLX2-C-B	10GXB01-*
		18 AWG	300V	PUR AWM 9.1mm OD (0.35” OD)	Yellow	MINP-8CBLX2-C	10GXP01-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.

Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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1” MIN Series Size II Receptacles

MIN Series Size II Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MIN- ☐ ☐ - ☐ - ☐ - ☐ - ☐

Number of Conductors

6
7
8

Connector Configuration

MR2 = Male Receptacle
FR2 = Female Receptacle
FRF2 = Female Receptacles w/ Female Threads

Length in Feet

Wire AWG

Blank = 16 AWG
18 = 18 AWG
22 = 22 AWG

Mounting Style

Blank = Front Mount 1/2”-14 NPT
PG13.5 = Front Mount PG 13.5 Threads
PG16 = Front Mount PG 16 Threads
M20 = Front Mount Metric 20 Threads
BM = Back Mount

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

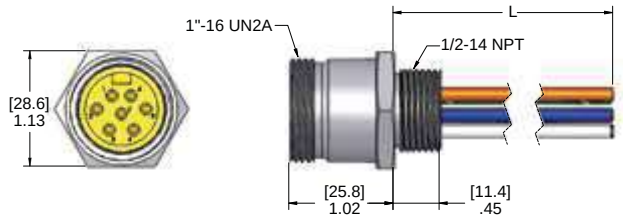
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1” MIN Series Size II Receptacles

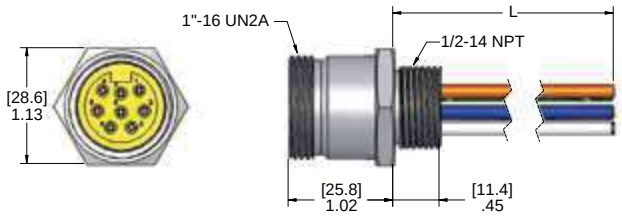
MIN Series Size II Receptacle Index

Front Mount | Back Mount

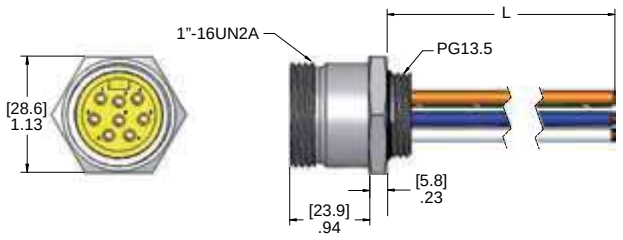
Front Mount, Male, 1/2”-14NPT Page B-17



Front Mount, Female, 1/2”-14NPT Page B-17

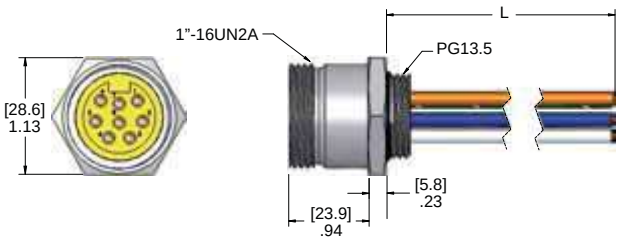


Front Mount, Male, PG Threads Page B-18



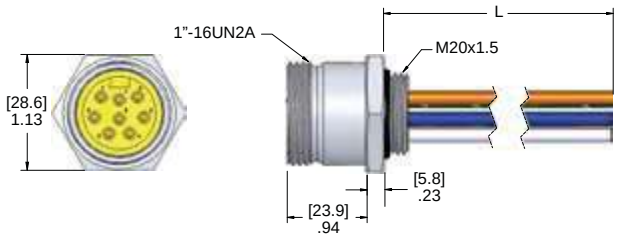
PG13.5 shown - PG16 also available.

Front Mount, Female, PG Threads Page B-18

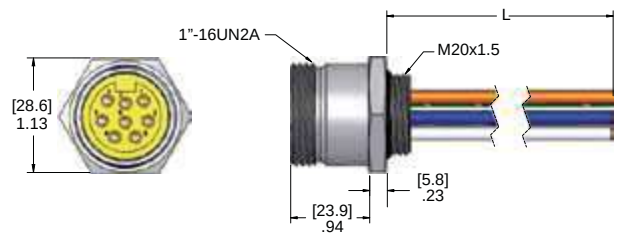


PG13.5 shown - PG16 also available.

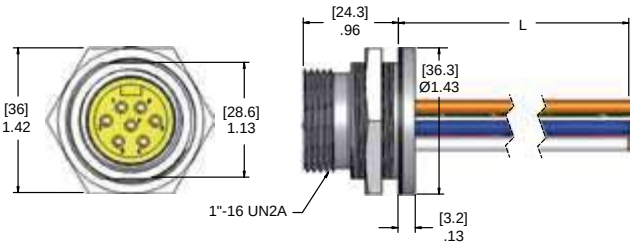
Front Mount, Male, Metric Threads Page B-19



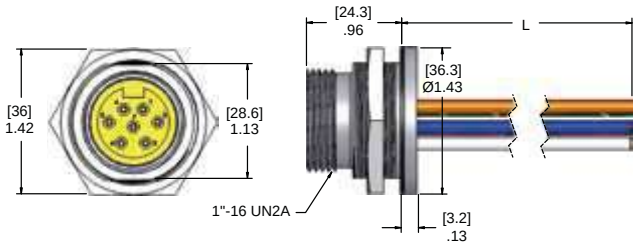
Front Mount, Female, Metric Threads Page B-19



Back Mount, Male Page B-20



Back Mount, Female Page B-20



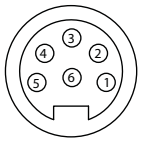
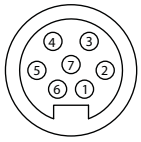
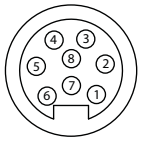
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1” MIN Series Size II Receptacles

6, 7 & 8 Conductor MIN Series Size II Receptacles, 16/18/22AWG



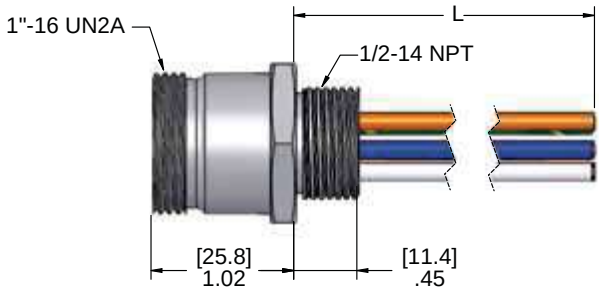
Front Mount Receptacles | 1/2”-14 NPT Threads | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
6	 1”-16UN2	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	600V 8A	16 AWG	MIN-6MR2-1	MIN-6FR2-1
			300V 5.5A	18 AWG	MIN-6MR2-1-18	MIN-6FR2-1-18
			300V 3A	22 AWG	MIN-6MR2-1-22	MIN-6FR2-1-22
7	 1”-16UN2	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	600V 5A	16 AWG	MIN-7MR2-1	MIN-7FR2-1
			300V 5A	18 AWG	MIN-7MR2-1-18	MIN-7FR2-1-18
			300V 3A	22 AWG	MIN-7MR2-1-22	MIN-7FR2-1-22
8	 1”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	600V 5A	16 AWG	MIN-8MR2-1	MIN-8FR2-1
			300V 5A	18 AWG	MIN-8MR2-1-18	MIN-8FR2-1-18
			300V 3A	22 AWG	MIN-8MR2-1-22	MIN-8FR2-1-22

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum, for stainless steel shell, add a “-SS” suffix (e.g. MIN-7MR2-1-18 becomes MIN-7MR2-1-18-SS).
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MIN-7MR2-1-18 becomes MIN-7MR2-1-18-G)
O-ring and lock nut are included on lead lengths of 15” or longer.

Specifications:

Shell:	Clear Anodized Aluminum
Lock Nut:	Nickel Plated Brass
Insulator:	105° C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to +105°C (-40°F to +221°F)



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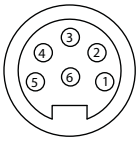
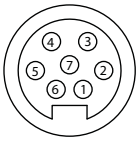
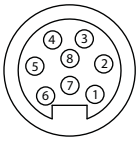


1” MIN Series Size II Receptacles

6, 7 & 8 Conductor MIN Series Size II Receptacles, 16/18/22AWG

Front Mount Receptacles | European PG Threads | IP67 Rating

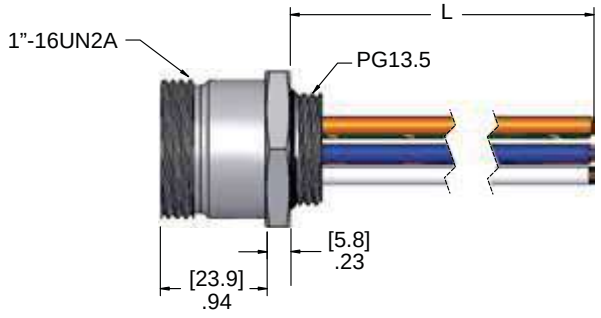
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Mounting Threads	Male Receptacles	Female Receptacles
6	 1”-16UN2	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	600V 8A	16 AWG	PG 13.5	MIN-6MR2-1-PG13.5	MIN-6FR2-1-PG13.5
					PG 16	MIN-6MR2-1-PG16	MIN-6FR2-1-PG16
			300V 5.5A	18 AWG	PG 13.5	MIN-6MR2-1-18-PG13.5	MIN-6FR2-1-18-PG13.5
					PG 16	MIN-6MR2-1-18-PG16	MIN-6FR2-1-18-PG16
			300V 3A	22 AWG	PG 13.5	MIN-6MR2-1-22-PG13.5	MIN-6FR2-1-22-PG13.5
					PG 16	MIN-6MR2-1-22-PG16	MIN-6FR2-1-22-PG16
7	 1”-16UN2	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	600V 5A	16 AWG	PG 13.5	MIN-7MR2-1-PG13.5	MIN-7FR2-1-PG13.5
					PG 16	MIN-7MR2-1-PG16	MIN-7FR2-1-PG16
			300V 5A	18 AWG	PG 13.5	MIN-7MR2-1-18-PG13.5	MIN-7FR2-1-18-PG13.5
					PG 16	MIN-7MR2-1-18-PG16	MIN-7FR2-1-18-PG16
			300V 3A	22 AWG	PG 13.5	MIN-7MR2-1-22-PG13.5	MIN-7FR2-1-22-PG13.5
					PG 16	MIN-7MR2-1-22-PG16	MIN-7FR2-1-22-PG16
8	 1”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	600V 5A	16 AWG	PG 13.5	MIN-8MR2-1-PG13.5	MIN-8FR2-1-PG13.5
					PG 16	MIN-8MR2-1-PG16	MIN-8FR2-1-PG16
			300V 5A	18 AWG	PG 13.5	MIN-8MR2-1-18-PG13.5	MIN-8FR2-1-18-PG13.5
					PG 16	MIN-8MR2-1-18-PG16	MIN-8FR2-1-18-PG16
			300V 3A	22 AWG	PG 13.5	MIN-8MR2-1-22-PG13.5	MIN-8FR2-1-22-PG13.5
					PG 16	MIN-8MR2-1-22-PG16	MIN-8FR2-1-22-PG16

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum, for stainless steel shell, add a “-SS” suffix. (e.g. MIN-6FR2-1-PG13.5 becomes MIN-6FR2-1-PG13.5-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Lock Nut:	Nickel Plated Brass
Insulator:	105°C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to +105°C (-40°F to +221°F)



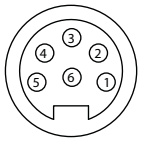
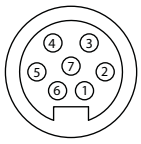
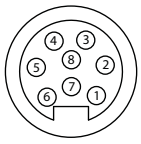
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1” MIN Series Size II Receptacles

6, 7 & 8 Conductor MIN Series Size II Receptacles, 16/18/22AWG



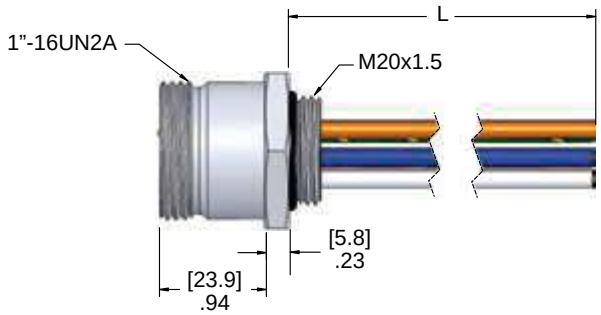
Front Mount Receptacles | Metric Threads | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
6	 1”-16UN2	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	600V 8A	16 AWG	MIN-6MR2-1-M20	MIN-6FR2-1-M20
			300V 5.5A	18 AWG	MIN-6MR2-1-18-M20	MIN-6FR2-1-18-M20
			300V 3A	22 AWG	MIN-6MR2-1-22-M20	MIN-6FR2-1-22-M20
7	 1”-16UN2	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	600V 5A	16 AWG	MIN-7MR2-1-M20	MIN-7FR2-1-M20
			300V 5A	18 AWG	MIN-7MR2-1-18-M20	MIN-7FR2-1-18-M20
			300V 3A	22 AWG	MIN-7MR2-1-22-M20	MIN-7FR2-1-22-M20
8	 1”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	600V 5A	16 AWG	MIN-8MR2-1-M20	MIN-8FR2-1-M20
			300V 5A	18 AWG	MIN-8MR2-1-18-M20	MIN-8FR2-1-18-M20
			300V 3A	22 AWG	MIN-8MR2-1-22-M20	MIN-8FR2-1-22-M20

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is anodized aluminum, for stainless steel shell, add a “-SS” suffix. (e.g. MIN-6FR2-1-M20 becomes MIN-6FR2-1-M20-SS)

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105° C Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)



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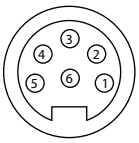
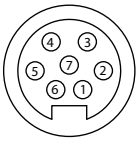
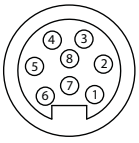


1” MIN Series Size II Receptacles

6, 7 & 8 Conductor MIN Series Size II Receptacles, 16/18/22AWG

Back Mount Receptacles | IP67 Rating

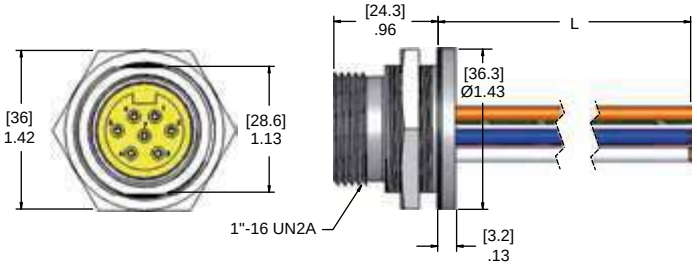
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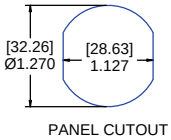
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
6	 1”-16UN2	**North American** 1. Orange 2. Blue 3. Black 4. White 5. Red 6. Green/Yellow	600V 8A	16 AWG	MIN-6MR2-1-BM	MIN-6FR2-1-BM
			300V 5.5A	18 AWG	MIN-6MR2-1-18-BM	MIN-6FR2-1-18-BM
			300V 3A	22 AWG	MIN-6MR2-1-22-BM	MIN-6FR2-1-22-BM
7	 1”-16UN2	**North American** 1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	600V 5A	16 AWG	MIN-7MR2-1-BM	MIN-7FR2-1-BM
			300V 5A	18 AWG	MIN-7MR2-1-18-BM	MIN-7FR2-1-18-BM
			300V 3A	22 AWG	MIN-7MR2-1-22-BM	MIN-7FR2-1-22-BM
8	 1”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Black 5. White 6. Red 7. Green/Yellow 8. Red/Black	600V 5A	16 AWG	MIN-8MR2-1-BM	MIN-8FR2-1-BM
			300V 5A	18 AWG	MIN-8MR2-1-18-BM	MIN-8FR2-1-18-BM
			300V 3A	22 AWG	MIN-8MR2-1-22-BM	MIN-8FR2-1-22-BM

12” leads are standard. Longer lead lengths are available.
Standard shell is anodized aluminum, for stainless steel shell, add a “-SS” suffix. (e.g. MIN-6FR2-1-BM becomes MIN-6FR2-1-BM-SS)

Specifications:

Shell:	Clear Anodized Aluminum/ Stainless Steel
Insulator:	105°C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)

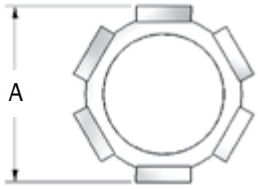




PANEL CUTOUT

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Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	216M	PG 16	26 mm	3.0 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
	2M32M	M32 x 1.5	36 mm	4 mm	Nickel Plated Brass
Lock Nut					
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated Steel

Notes:

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1 1/8” MIN Series Size III Cordsets

MIN Series Size III Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MIN [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Cable Type

Blank = PVC
P = PUR

Number of Conductors

9
10
12
19

Connector Configuration

MPX = Male Plug - 18awg
FPX = Female Plug - 18 awg
MFPX = Male / Female Extension - 18awg
MFRPX = Male Straight / Female Right Angle - 18awg
MRFPX = Male Right Angle / Female Straight - 18awg

Coupling Nut

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

Other Variables

Blank = AWM 2661
C011 = TC-ER

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Length in Feet	19 Pole (Measured in Meters)
3	1M
6	2M
12	4M
20	5M
30	6M
50	10M
	15M

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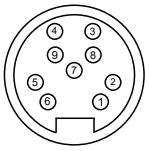
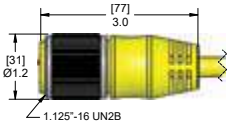
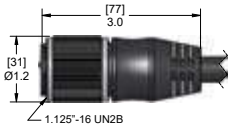
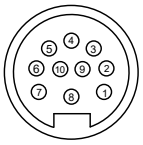
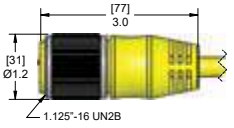
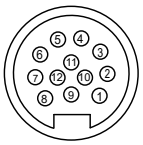
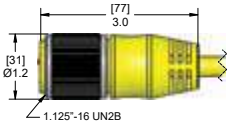
1 1/8” MIN Series Size III Cordsets

9, 10 & 12 Conductor MIN Series Size III Cordsets, 16/18AWG

Straight Male Cordsets | 600V, 7/5A | 300V, 4A | IP67 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-9MP-*-C011	Black PVC AWM 9 X 16 AWG 600V, 7A -40°C to +105°C 12.1mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	 1 1/8”-16UN2
	MIN-9MPX-*	Yellow PVC AWM 9 X 18 AWG 300V, 4A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-9MPX-*	Yellow PUR AWM 9 X 18 AWG 300V, 4A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-10MP-*-C011	Black PVC AWM 10 X 16 AWG 600V, 7A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	 1 1/8”-16UN2
	MIN-10MPX-*	Yellow PVC AWM 10 X 18 AWG 300V, 4A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-10MPX-*	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-12MP-*-C011	Black PVC AWM 12 X 16 AWG 600V, 5A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	 1 1/8”-16UN2
	MIN-12MPX-*	Yellow PVC AWM 12 X 18 AWG 300V, 4A -40°C to +105°C 10.5mm OD	Industry Standard PVC		
	MINP-12MPX-*	Yellow PUR AWM 12 X 18 AWG 300V, 4A -40°C to +80°C 10.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10MPX-3 becomes MIN-10MPX-3-SS)

For male threaded coupling nut replace “MPX” with “MPMX”. (e.g. MIN-10MPX-3 becomes MIN-10MPMX-3)

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1 1/8” MIN Series Size III Cordsets

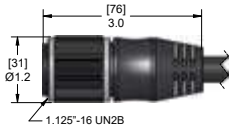
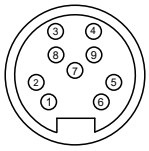
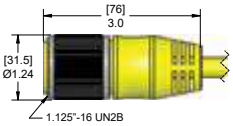
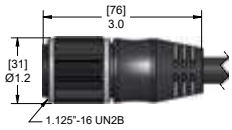
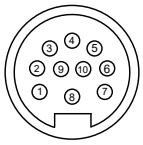
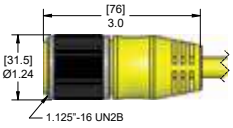
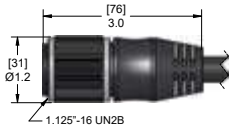
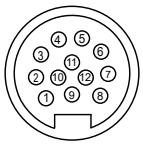
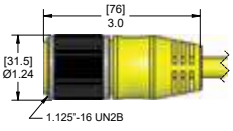
9, 10 & 12 Conductor MIN Series Size III Cordsets, 16/18AWG



Straight Female Cordsets | 600V, 7/5A | 300V, 4A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-9FP-*-C011	Black PVC AWM 9 X 16 AWG 600V, 7A -40°C to +105°C 12.1mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	 1 1/8”-16UN2
	MIN-9FPX-*	Yellow PVC AWM 9 X 18 AWG 300V, 4A -40°C to +105°C 9.1mm OD	Industry Standard PVC		
	MINP-9FPX-*	Yellow PUR AWM 9 X 18 AWG 300V, 4A -40°C to +80°C 9.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-10FP-*-C011	Black PVC AWM 10 X 16 AWG 600V, 7A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	 1 1/8”-16UN2
	MIN-10FPX-*	Yellow PVC AWM 10 X 18 AWG 300V, 4A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-10FPX-*	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-12FP-*-C011	Black PVC AWM 12 X 16 AWG 600V, 5A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	 1 1/8”-16UN2
	MIN-12FPX-*	Yellow PVC AWM 12 X 18 AWG 300V, 4A -40°C to +105°C 10.5mm OD	Industry Standard PVC		
	MINP-12FPX-*	Yellow PUR AWM 12 X 18 AWG 300V, 4A -40°C to +80°C 10.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10FPX-3 becomes MIN-10FPX-3-SS)

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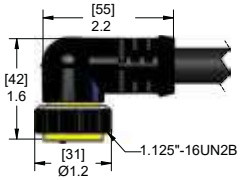
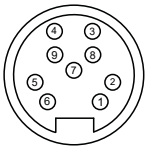
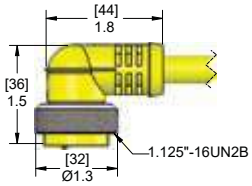
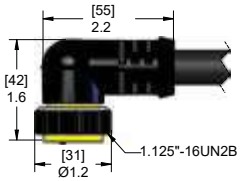
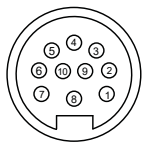
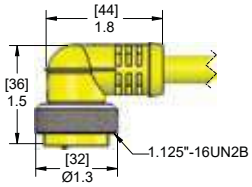
1 1/8” MIN Series Size III Cordsets

9 & 10 Conductor MIN Series Size III Cordsets, 16/18AWG

Right Angle Male Cordsets | 600V, 7A | 300V, 4A | IP67 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-9MP-*-R-C011	Black PVC AWM 9 X 16 AWG 600V, 7A -40°C to +105°C 12.1mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	 1 1/8”-16UN2
	MIN-9MPX-*-R	Yellow PVC AWM 9 X 18 AWG 300V, 4A -40°C to +105°C 9.2mm OD	Industry Standard PVC		
	MINP-9MPX-*-R	Yellow PUR AWM 9 X 18 AWG 300V, 4A -40°C to +80°C 9.2mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-10MP-*-R-C011	Black PVC AWM 10 X 16 AWG 600V, 7A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	 1 1/8”-16UN2
	MIN-10MPX-*-R	Yellow PVC AWM 10 X 18 AWG 300V, 4A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-10MPX-*-R	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10MPX-3-R becomes MIN-10MPX-3-R-SS)

For male threaded coupling nut replace “MPX” with “MPMX”. (e.g. MIN-10MPX-3-R becomes MIN-10MPMX-3-R)

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1 1/8” MIN Series Size III Cordsets

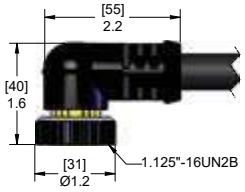
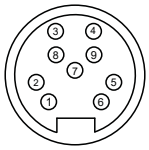
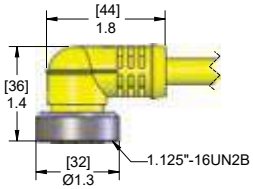
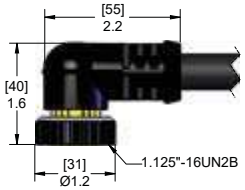
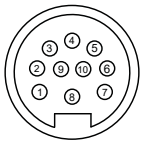
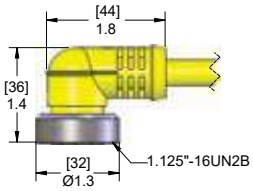
9 & 10 Conductor MIN Series Size III Cordsets, 16/18AWG



Right Angle Female Cordsets | 600V, 7A | 300V, 4A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-9FP-*-R-C011	Black PVC AWM 9 X 16 AWG 600V, 7A -40°C to +105°C 12.1mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	 1 1/8”-16UN2
	MIN-9FPX-*-R	Yellow PVC AWM 9 X 18 AWG 300V, 4A -40°C to +105°C 9.2mm OD	Industry Standard PVC		
	MINP-9FPX-*-R	Yellow PUR AWM 9 X 18 AWG 300V, 4A -40°C to +80°C 9.2mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MIN-10FP-*-R-C011	Black PVC AWM 10 X 16 AWG 600V, 7A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	 1 1/8”-16UN2
	MIN-10FPX-*-R	Yellow PVC AWM 10 X 18 AWG 300V, 4A -40°C to +105°C 10.1mm OD	Industry Standard PVC		
	MINP-10FPX-*-R	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10FPX-3-R becomes MIN-10FPX-3-R-SS)

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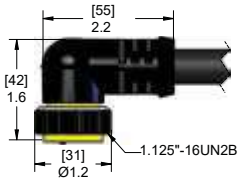
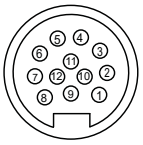
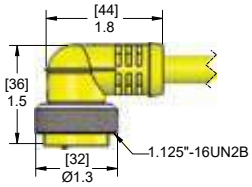


1 1/8” MIN Series Size III Cordsets

12 Conductor MIN Series Size III Cordsets, 16/18AWG

Right Angle Male Cordsets | 600V, 5A | 300V, 4A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-12MP-*-R-C011	Black PVC AWM 12 X 16 AWG 600V, 5A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	 1 1/8”-16UN2
	MIN-12MPX-*-R	Yellow PVC AWM 12 X 18 AWG 300V, 4A -40°C to +105°C 10.5mm OD	Industry Standard PVC		
	MINP-12MPX-*-R	Yellow PUR AWM 12 X 18 AWG 300V, 4A -40°C to +80°C 10.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10MPX-3-R becomes MIN-10MPX-3-R-SS)

For male threaded coupling nut replace “MPX” with “MPMX”. (e.g. MIN-10MPX-3-R becomes MIN-10MPMX-3-R)

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1 1/8” MIN Series Size III Cordsets

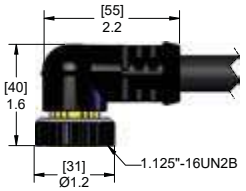
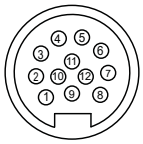
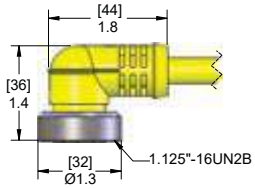
12 Conductor MIN Series Size III Cordsets, 16/18AWG



Right Angle Female Cordsets | 600V, 5A | 300V, 4A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MIN-12FP-*-R-C011	Black PVC AWM 12 X 16 AWG 600V, 5A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	
	MIN-12FPX-*-R	Yellow PVC AWM 12 X 18 AWG 300V, 4A -40°C to +105°C 10.5mm OD	Industry Standard PVC		
	MINP-12FPX-*-R	Yellow PUR AWM 12 X 18 AWG 300V, 4A -40°C to +80°C 10.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10FPX-3-R becomes MIN-10FPX-3-R-SS)

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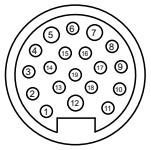
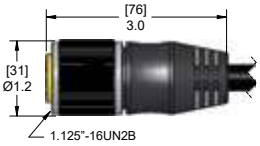
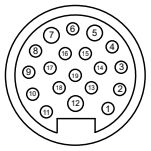


1 1/8” MIN Series Size III Cordsets

19 Conductor MIN Series Size III Cordsets, 18/22AWG

Straight Male & Female Cordsets | 300V, 6/1A or 4/2A | IP67 Rating



Male Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MINP-19MP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A : 4A 16 x 22 AWG 300V, 1A : 2A -40°C to +80°C 11mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	**North American** 1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	 1 1/8”-16UN2
Female Cordsets					
	MINP-19FP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A : 4A 16 x 22 AWG 300V, 1A : 2A -40°C to +80°C 11mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	**North American** 1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	 1 1/8”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Blue, Brown and Green/Yellow are 18 AWG wires.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MINP-19MP-1M becomes MINP-19MP-1M-SS)

For male threaded coupling nut replace “MP” with “MPM”. (e.g. MIN-19MP-1M becomes MIN-19MPM-1M)

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1 1/8” MIN Series Size III Cordsets

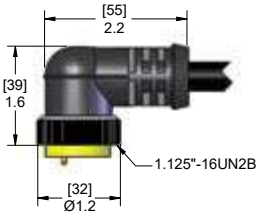
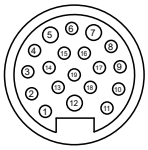
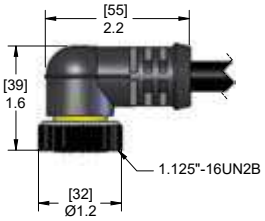
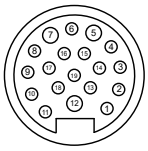
19 Conductor MIN Series Size III Cordsets, 18/22AWG



Right Angle Male & Female Cordsets | 300V, 6/1A or 4/2A | IP67 Rating



C UL US LISTED

Male Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MINP-19MP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A : 4A 16 x 22 AWG 300V, 1A : 2A -40°C to +80°C 11mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	**North American** 1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	 1 1/8”-16UN2
Female Cordsets					
	MINP-19FP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A : 4A 16 x 22 AWG 300V, 1A : 2A -40°C to +80°C 11mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	**North American** 1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	 1 1/8”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 . Consult factory for other lengths.

*** Blue, Brown and Green/Yellow are 18 AWG wires.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MINP-19MP-1M-R becomes MINP-19MP-1M-R-SS)

For male threaded coupling nut replace “MP” with “MPM”. (e.g. MIN-19MP-1M-R becomes MIN-19MPM-1M-R)

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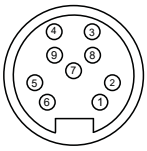
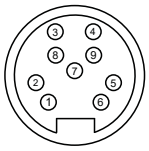
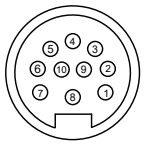
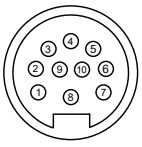


1 1/8” MIN Series Size III Cordsets

9 & 10 Conductor MIN Series Size III Cordsets, 16/18AWG

Double Ended Cordsets | 600V, 7A | 300V, 4A | IP67 Rating



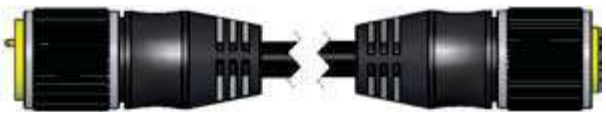
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1 1/8”-16UN2	MIN-9MFP-*-C011	Black PVC AWM 9 X 16 AWG 600V, 7A -40°C to +105°C 12.1mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	 1 1/8”-16UN2
	MIN-9MFPX-*	Yellow PVC AWM 9 X 18 AWG 300V, 4A -40°C to +105°C 9.2mm OD	Industry Standard PVC		
	MINP-9MFPX-*	Yellow PUR AWM 9 X 18 AWG 300V, 4A -40°C to +80°C 9.2mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
 1 1/8”-16UN2	MIN-10MFP-*-C011	Black PVC AWM 10 X 16 AWG 600V, 7A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	 1 1/8”-16UN2
	MIN-10MFPX-*	Yellow PVC AWM 10 X 18 AWG 300V, 4A -40°C to +105°C 10.1 mm OD	Industry Standard PVC		
	MINP-10MFPX-*	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to +80°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

* Length in feet. Standard cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

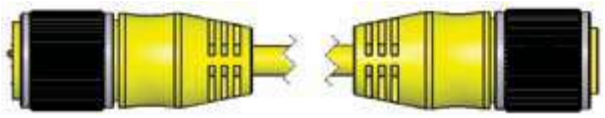
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-10MFPX-3 becomes MIN-10MFPX-3-SS)

For male threaded coupling nut replace “MFPX” with “MFPMX”. (e.g. MIN-10MFPX-3 becomes MIN-10MFPMX-3)

For available options for extention cables with right angle male and/or female ends, please consult the factory.



TC-ER Male - Female Extension



AWM Male - Female Extension

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1 1/8” MIN Series Size III Cordsets

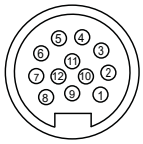
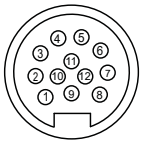
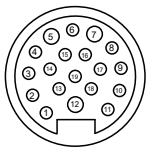
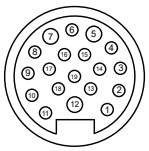
12 & 19 Conductor MIN Series Size III Cordsets, 16/18/22AWG



Double Ended Cordsets | 600V, 5A | 300V, 6/1A or 4/2A | IP67 Rating



C UL US LISTED

Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1 1/8”-16UN2	MIN-12MFP-*-C011	Black PVC AWM 12 X 16 AWG 600V, 5A -40°C to +105°C 14mm OD	PVC TC-ER	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	 1 1/8”-16UN2
	MIN-12MFPX-*	Yellow PVC AWM 12 X 18 AWG 300V, 4A -40°C to +105°C 10.5mm OD	Industry Standard PVC		
	MINP-12MFPX-*	Yellow PUR AWM 12 X 18 AWG 300V, 4A -40°C to +80°C 10.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
 1 1/8”-16UN2	MINP-19MFP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A : 4A 16 x 22 AWG 300V, 1A : 2A -40°C to +80°C 11mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	**North American** 1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	 1 1/8”-16UN2

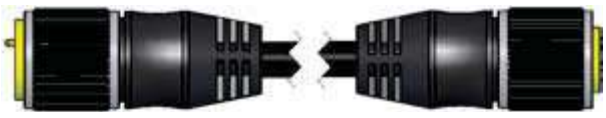
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Blue, Brown and Green/Yellow are 18 AWG wires.

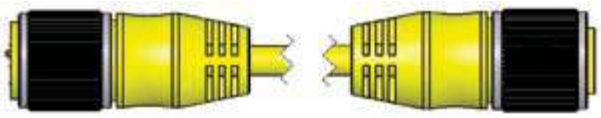
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MINP-19MFP-1M becomes MINP-19MFP-1M-SS)

For male threaded coupling nut replace “MFP” with “MFPM”. (e.g. MIN-19MFP-1M becomes MIN-19MFPM-1M)

For available options for extention cables with right angle male and/or female ends, please consult the factory.



TC-ER Male - Female Extension
19 Pole Male - Female Extension



AWM Male - Female Extension

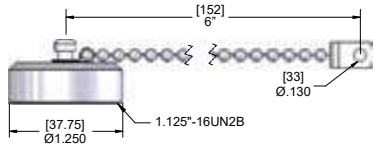
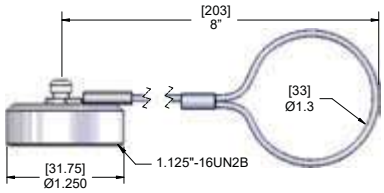
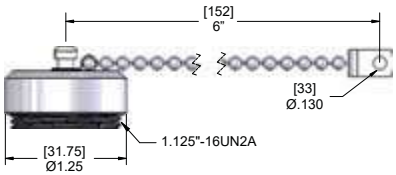
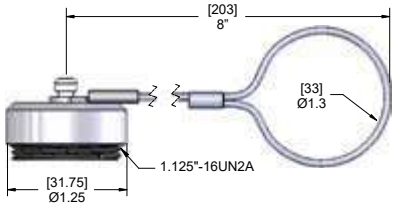
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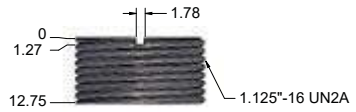
1 1/8” MIN Series Size III Accessories

MIN Series Size III Accessories

Closure Caps & Plugs | Adapter Coupling | IP67 Rating

Metal Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MIN-3-CAP	Nickel Plated Brass	Female	0.13”
	MIN-3-CAP-CBLY	Nickel Plated Brass	Female	1.3”
Metal Closure Plugs				
	MIN-3-PLUG	Nickel Plated Brass	Male	0.13”
	MIN-3-PLUG-CBLY	Nickel Plated Brass	Male	1.3”

NBR tether and stainless steel lanyard are available for all MIN-3-CAP and MIN-3-PLUG. Please consult the factory for part number and availability.

Adapter Coupling	Part Number	Material	Threads
	MIN-XMP3-AD	Nickel Plated Brass	Male
	MIN-XMP3-AD-SS	Stainless Steel	

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1 1/8” MIN Series Size III Accessories

9, 10, 12 & 19 Conductor MIN Series Size III Accessory Cables



# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Part Number	
					100’ Cable	Spool
9	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	16 AWG	600V	Black PVC AWM /TC-ER 12.1mm OD (0.48” OD)	MIN-9CBL-C011-C	10H0002-*
		18 AWG	300V	Yellow PVC AWM 9.1mm OD (0.36” OD)	MIN-9CBLX-C	10H0001-*
		18 AWG	300V	Yellow PUR AWM 9.1mm OD (0.36” OD)	MINP-9CBLX-C	10HP001-*
10	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	16 AWG	600V	Black PVC TC-ER 14mm OD (0.55” OD)	MIN-10CBL-C011-C	10J0002-*
		18 AWG	300V	Yellow PVC AWM 10.1mm OD (0.40” OD)	MIN-10CBLX-C	10J0001-*
		18 AWG	300V	Yellow PUR AWM 10.1mm OD (0.40” OD)	MINP-10CBLX-C	10JP001-*
12	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	16 AWG	600V	Black PVC TC-ER 14mm OD (0.55” OD)	MIN-12CBL-C011-C	10K0002-*
		18 AWG	300V	Yellow PVC AWM 10.5mm OD (0.41” OD)	MIN-12CBLX-C	10K0001-*
		18 AWG	300V	Yellow PUR AWM 10.5mm OD (0.41” OD)	MINP-12CBLX-C	10KP001-*
19	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	3 x 18 AWG & 16 x 22 AWG	150V	Black PUR UL 20233 With Foil Shield 11mm OD (0.43” OD)	MINP-19CBL-C	54RMP01-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

*** For the 19 Pin, blue, brown, and green/Yellow wires are 18 AWG.

Cable Construction subject to change without notice.

Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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Notes:

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1 1/8” MIN Series Size III Receptacles

MIN Series Size III Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MIN- □ □ - □ - □ - □ - □

Number of Conductors

9
10
12
19

Connector Configuration

MR	=	Male Receptacle
FR	=	Female Receptacle
FRF	=	Female Receptacle w/ Female Threads

Shell Material

Blank	=	Aluminum or Nickel plated brass
SS	=	Stainless Steel

Length in Feet

Mounting Style

Blank	=	Front Mount 1/2”-14 NPT
PG13.5	=	Front Mount PG 13.5 Threads
PG16	=	Front Mount PG 16 Threads
M20	=	Front Mount Metric 20 Threads
M25	=	Front Mount Metric 25 Threads
BM	=	Back Mount

Wire AWG

Blank	=	16 AWG 18 & 22 AWG (19 pole only)
18	=	18 AWG
22	=	22 AWG

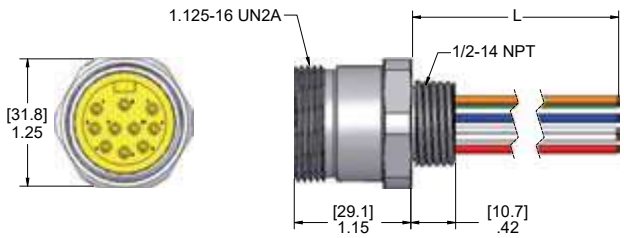
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1 1/8” MIN Series Size III Receptacles

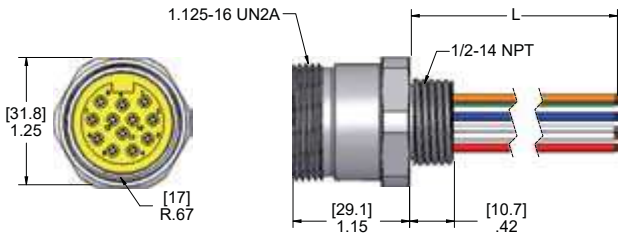
MIN Series Size III Receptacle Index

Front Mount | Back Mount

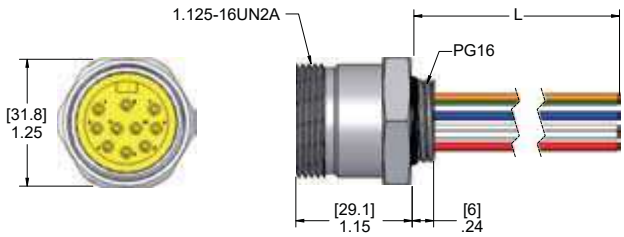
Front Mount, Male, 1/2”-14NPT Page C-17



Front Mount, Female, 1/2”-14NPT Page C-17

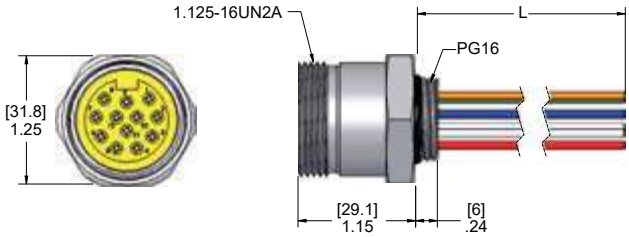


Front Mount, Male, PG Threads Page C-18



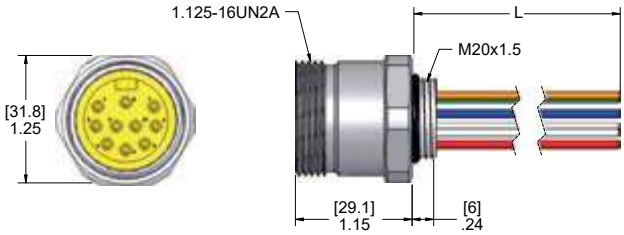
PG 16 shown - PG 13.5 also availble.

Front Mount, Female, PG Threads Page C-18



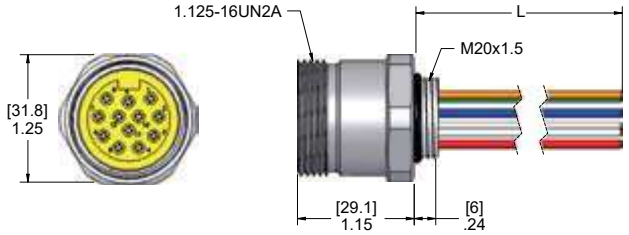
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Front Mount, Male, Metric Threads Page C-19



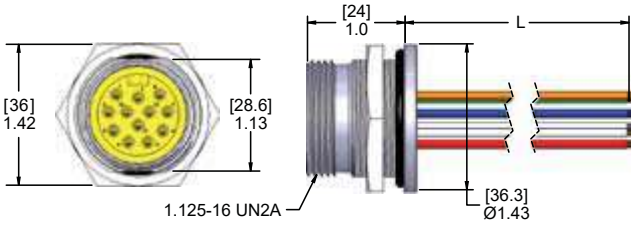
M20 shown - M25 also availble.

Front Mount, Female, Metric Threads Page C-19

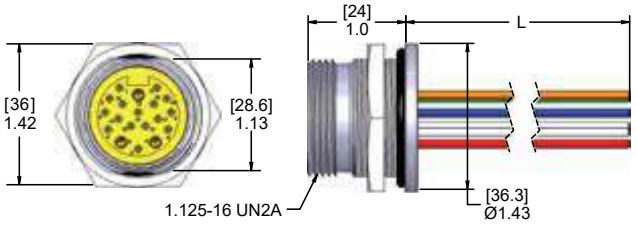


M20 shown - M25 also availble.

Back Mount, Male Page C-20



Back Mount, Female Page C-20



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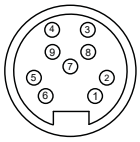
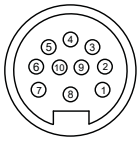
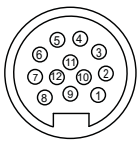
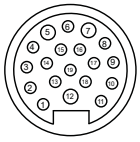
1 1/8” MIN Series Size III Receptacles

9, 10, 12 & 19 Conductor MIN Series Size III Receptacles, 16/18/22AWG



Front Mount Receptacles | 1/2”-14 NPT Threads | IP67 Rating

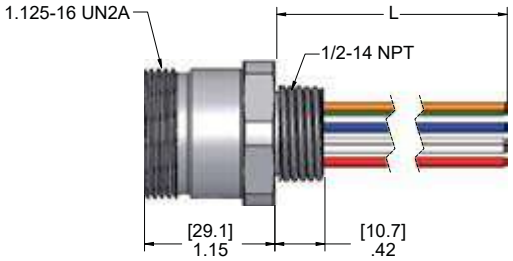
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
9	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	300V 4A	16 AWG	MIN-9MR-1	MIN-9FR-1
			300V 4A	18 AWG	MIN-9MR-1-18	MIN-9FR-1-18
			300V 4A	22 AWG	MIN-9MR-1-22	MIN-9FR-1-22
10	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	300V 4A	16 AWG	MIN-10MR-1	MIN-10FR-1
			300V 4A	18 AWG	MIN-10MR-1-18	MIN-10FR-1-18
			300V 4A	22 AWG	MIN-10MR-1-22	MIN-10FR-1-22
12	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	300V 4A	16 AWG	MIN-12MR-1	MIN-12FR-1
			300V 4A	18 AWG	MIN-12MR-1-18	MIN-12FR-1-18
			300V 4A	22 AWG	MIN-12MR-1-22	MIN-12FR-1-22
19	 1 1/8”-16UN2	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	150V, 6A 150V, 1A OR 150V, 4A 150V, 2A	3 x 18 AWG OR 16 x 22 AWG	MIN-19MR-1	MIN-19FR-1

*** For the 19 pole, Blue, Brown and Green/Yellow are 18 AWG wires.
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
For stainless steel shell, add a “SS” suffix (e.g. MIN-9MR-1-18 becomes MIN-9MR-1-18-SS).
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MIN-9MR-1-18 becomes MIN-9MR-1-18-G)
O-ring and lock nut are included on lead lengths of 15” or longer.
Other wire gauges and color codes are available, please consult the factory.

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105° C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40°C to +105°C (-40°F to +221°F)



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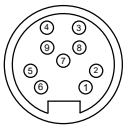
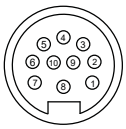
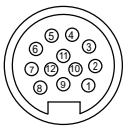
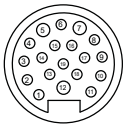


1 1/8” MIN Series Size III Receptacles

9, 10, 12 & 19 Conductor MIN Series Size III Receptacles, 16/18/22AWG

Front Mount Receptacles | European PG Threads | IP67 Rating

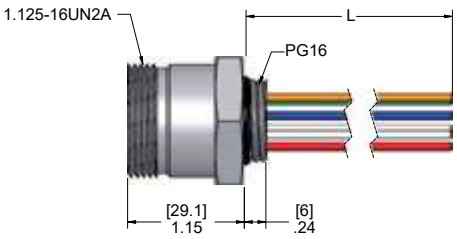
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Mounting Threads	Male Receptacles	Female Receptacles
9	 1 1/8"-16UN2	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	300V 4A	16 AWG	PG 13.5	MIN-9MR-1-PG13.5	MIN-9FR-1-PG13.5
					PG 16	MIN-9MR-1-PG16	MIN-9FR-1-PG16
			300V 4A	18 AWG	PG 13.5	MIN-9MR-1-18-PG13.5	MIN-9FR-1-18-PG13.5
					PG 16	MIN-9MR-1-18-PG16	MIN-9FR-1-18-PG16
			300V 4A	22 AWG	PG 13.5	MIN-9MR-1-22-PG13.5	MIN-9FR-1-22-PG13.5
					PG 16	MIN-9MR-1-22-PG16	MIN-9FR-1-22-PG16
10	 1 1/8"-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	300V 4A	16 AWG	PG 13.5	MIN-10MR-1-PG13.5	MIN-10FR-1-PG13.5
					PG 16	MIN-10MR-1-PG16	MIN-10FR-1-PG16
			300V 4A	18 AWG	PG 13.5	MIN-10MR-1-18-PG13.5	MIN-10FR-1-18-PG13.5
					PG 16	MIN-10MR-1-18-PG16	MIN-10FR-1-18-PG16
			300V 4A	22 AWG	PG 13.5	MIN-10MR-1-22-PG13.5	MIN-10FR-1-22-PG13.5
					PG 16	MIN-10MR-1-22-PG16	MIN-10FR-1-22-PG16
12	 1 1/8"-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	300V 4A	16 AWG	PG 13.5	MIN-12MR-1-PG13.5	MIN-12FR-1-PG13.5
					PG 16	MIN-12MR-1-PG16	MIN-12FR-1-PG16
			300V 4A	18 AWG	PG 13.5	MIN-12MR-1-18-PG13.5	MIN-12FR-1-18-PG13.5
					PG 16	MIN-12MR-1-18-PG16	MIN-12FR-1-18-PG16
			300V 4A	22 AWG	PG 13.5	MIN-12MR-1-22-PG13.5	MIN-12FR-1-22-PG13.5
					PG 16	MIN-12MR-1-22-PG16	MIN-12FR-1-22-PG16
19	 1 1/8"-16UN2	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	300V 6A : 4A 300V 1A : 2A	3 x 18 AWG 16 x 22 AWG	PG 13.5	MIN-19MR-1-PG13.5	MIN-19FR-1-PG13.5
					PG 16	MIN-19MR-1-PG16	MIN-19FR-1-PG16

*** For the 19 pole, Blue, Brown and Green/Yellow are 18 AWG wires.
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Other wire gauges and color codes are available, please consult the factory.

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105° C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)



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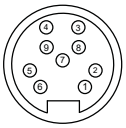
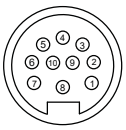
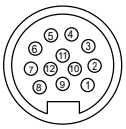
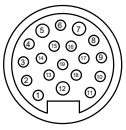
1 1/8” MIN Series Size III Receptacles

9, 10, 12 & 19 Conductor MIN Series Size III Receptacles, 16/18/22AWG



Front Mount Receptacles | Metric Threads | IP67 Rating

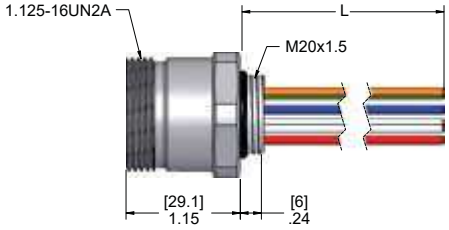
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Mounting Threads	Male Receptacles	Female Receptacles
9	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	300V 4A	16 AWG	M20 x 1.5	MIN-9MR-1-M20	MIN-9FR-1-M20
					M25 x 1.5	MIN-9MR-1-M25	MIN-9FR-1-M25
			300V 4A	18 AWG	M20 x 1.5	MIN-9MR-1-18-M20	MIN-9FR-1-18-M20
					M25 x 1.5	MIN-9MR-1-18-M25	MIN-9FR-1-18-M25
			300V 4A	22 AWG	M20 x 1.5	MIN-9MR-1-22-M20	MIN-9FR-1-22-M20
					M25 x 1.5	MIN-9MR-1-22-M25	MIN-9FR-1-22-M25
10	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	300V 4A	16 AWG	M20 x 1.5	MIN-10MR-1-M20	MIN-10FR-1-M20
					M25 x 1.5	MIN-10MR-1-M25	MIN-10FR-1-M25
			300V 4A	18 AWG	M20 x 1.5	MIN-10MR-1-18-M20	MIN-10FR-1-18-M20
					M25 x 1.5	MIN-10MR-1-18-M25	MIN-10FR-1-18-M25
			300V 4A	22 AWG	M20 x 1.5	MIN-10MR-1-22-M20	MIN-10FR-1-22-M20
					M25 x 1.5	MIN-10MR-1-22-M25	MIN-10FR-1-22-M25
12	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	300V 4A	16 AWG	M20 x 1.5	MIN-12MR-1-M20	MIN-12FR-1-M20
					M25 x 1.5	MIN-12MR-1-M25	MIN-12FR-1-M25
			300V 4A	18 AWG	M20 x 1.5	MIN-12MR-1-18-M20	MIN-12FR-1-18-M20
					M25 x 1.5	MIN-12MR-1-18-M25	MIN-12FR-1-18-M25
			300V 4A	22 AWG	M20 x 1.5	MIN-12MR-1-22-M20	MIN-12FR-1-22-M20
					M25 x 1.5	MIN-12MR-1-22-M25	MIN-12FR-1-22-M25
19	 1 1/8”-16UN2	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	300V 6A : 4A 300V 1A : 2A	3 x 18 AWG 16 x 22 AWG	M20 x 1.5	MIN-19MR-1-M20	MIN-19FR-1-M20
					M25 x 1.5	MIN-19MR-1-M25	MIN-19FR-1-M25

*** For the 19 pole, Blue, Brown and Green/Yellow are 18 AWG wires.
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless steel shell is available in M25. For stainless steel shell, add a “SS” suffix (e.g. MIN-9MR-1-18-M25 becomes MIN-9MR-1-18-M25-SS).
Other wire gauges and color codes are available, please consult the factory.
The M25 is available in Stainless Steel, please consult the factory for part number.

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105° C Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)



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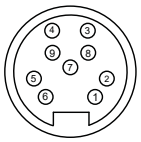
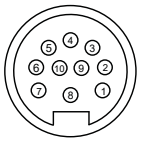
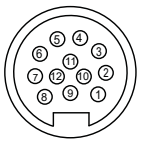
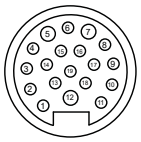


1 1/8” MIN Series Size III Receptacles

9, 10, 12 & 19 Conductor MIN Series Size III Receptacles, 16/18/22AWG

Back Mount Receptacles | IP67 Rating

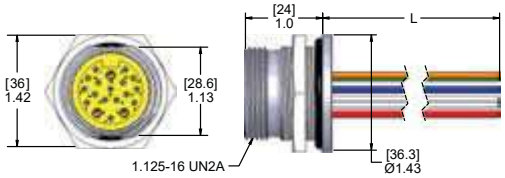
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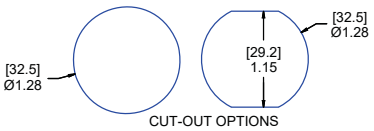
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
9	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. Red/Black 4. Green/Black 5. White 6. Red 7. Green/Yellow 8. White/Black 9. Black	300V 4A	16 AWG	MIN-9MR-1-BM	MIN-9FR-1-BM
			300V 4A	18 AWG	MIN-9MR-1-18-BM	MIN-9FR-1-18-BM
			300V 4A	22 AWG	MIN-9MR-1-22-BM	MIN-9FR-1-22-BM
10	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Red 8. Green/Yellow 9. Black 10. White	300V 4A	16 AWG	MIN-10MR-1-BM	MIN-10FR-1-BM
			300V 4A	18 AWG	MIN-10MR-1-18-BM	MIN-10FR-1-18-BM
			300V 4A	22 AWG	MIN-10MR-1-22-BM	MIN-10FR-1-22-BM
12	 1 1/8”-16UN2	**North American** 1. Orange 2. Blue 3. White/Black 4. Red/Black 5. Green/Black 6. Orange/Black 7. Blue/Black 8. Black/White 9. Green/Yellow 10. Red 11. White 12. Black	300V 4A	16 AWG	MIN-12MR-1-BM	MIN-12FR-1-BM
			300V 4A	18 AWG	MIN-12MR-1-18-BM	MIN-12FR-1-18-BM
			300V 4A	22 AWG	MIN-12MR-1-22-BM	MIN-12FR-1-22-BM
19	 1 1/8”-16UN2	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Blue*** 6. Green 7. Brown*** 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Gray/Pink	300V 6A : 4A 300V 1A : 2A	3 x 18 AWG 16 x 22 AWG	MIN-19MR-1-BM	MIN-19FR-1-BM

*** For the 19 pole, Blue, Brown and Green/Yellow are 18 AWG wires.
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Other color codes available, please consult the factory.

Specifications:

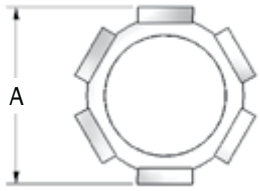
Shell:	Clear Anodized Aluminum
Insulator:	105° C, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)





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Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	216M	PG 16	26 mm	3.0 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
	2M25M	M25 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
	2M32M	M32 x 1.5	36 mm	4 mm	Nickel Plated Brass
Lock Nut					
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated brass

Notes:

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MIN Power Series Cordsets

MIN Power Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MINH - □ □ - □ - □ - □

Coupling Nut

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

Number of Conductors

3
4
7

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Length in Meter

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight

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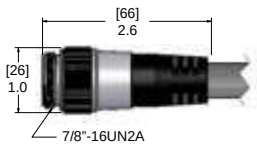
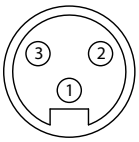
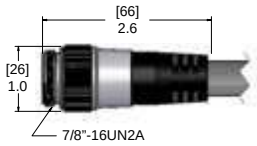
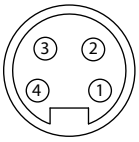
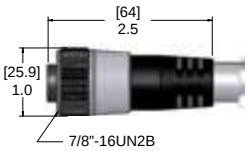
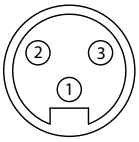
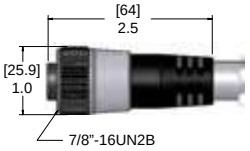
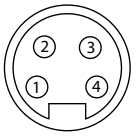
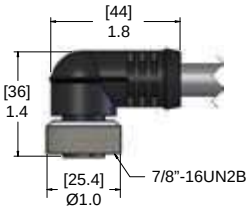
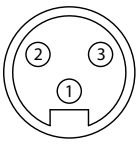
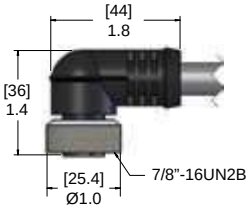
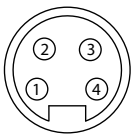


7/8” MIN Power Series Cordsets

3 & 4 Conductor MIN Power Series Size I Cordsets, 14AWG

Straight & Right Angle Cordsets | 600V, 18A | 600V, 15A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
Male Straight					
	MINH-3MP-**	Gray PVC STOOW 3 X 14 AWG 600V, 18A -40°C to +105°C 13.7mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINH-4MP-**	Gray PVC STOOW 4 X 14 AWG 600V, 15A -40°C to +105°C 14.9mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
Female Straight					
	MINH-3FP-**	Gray PVC STOOW 3 X 14 AWG 600V, 18A -40°C to +105°C 13.7mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINH-4FP-**	Gray PVC STOOW 4 X 14 AWG 600V, 15A -40°C to +105°C 14.9mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2
Female Right Angle					
	MINH-3FP-**-R	Gray PVC STOOW 3 X 14 AWG 600V, 18A -40°C to +105°C 13.7mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8”-16UN2
	MINH-4FP-**-R	Gray PVC STOOW 4 X 14 AWG 600V, 15A -40°C to +105°C 14.9mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless coupling nut add a “-SS” suffix. (e.g. MINH-4FP-3 becomes MINH-4FP-3-SS)

TPE jacket (TC-ER) is available upon request.

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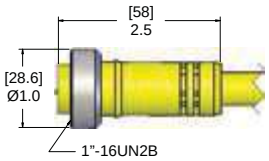
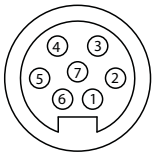
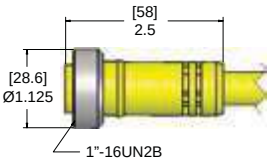
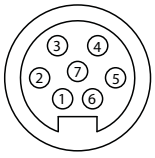
1” MIN Power Series Cordsets

7 Conductor MIN Mixed Power Series Size II Cordsets, 14/18AWG



Straight Cordsets | 600V, 12/1A or 9/5A | IP67 Rating



Male Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MINH-7MPX-**	Yellow PVC AWM 2 X 14 AWG 600V, 12A or 9A 5 X 18 AWG 600V, 1A or 5A -40°C to +105°C 12.1mm OD	Industry Standard PVC	**North American** 1. White/Black 2. Black*** 3. White*** 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1”-16UN2
Female Cordsets					
	MINH-7FPX-**	Yellow PVC AWM 2 X 14 AWG 600V, 12A or 9A 5 X 18 AWG 600V, 1A or 5A -40°C to +105°C 12.1mm OD	Industry Standard PVC	**North American** 1. White/Black 2. Black*** 3. White*** 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

*** Black and White wires are 14 AWG.

Standard coupling nut is anodized aluminum, for stainless coupling nut add a “-SS” suffix. (e.g. MINH-7FPX-3 becomes MINH-7FPX-3-SS)

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MIN Power Series Extension Cables

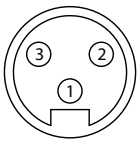
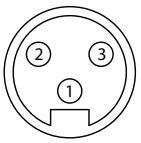
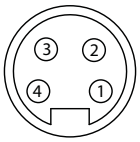
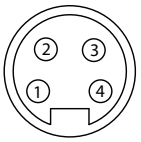
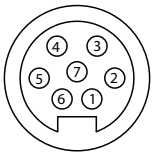
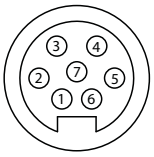
3, 4 & 7 Conductor MIN Power Series Extension Cables, 14/18AWG

Double Ended Cordsets | 600V, 18A | 600V, 15A | 600V, 12/1A or 9/5A | IP67 Rating

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Only 3 & 4 Pole Cordsets are UL listed



Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 7/8"-16UN2	MINH-3MFP-**	7/8" Size I Gray PVC STOOW 3 X 14 AWG 600V, 18A -40°C to +105°C 13.7mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 7/8"-16UN2
 7/8"-16UN2	MINH-4MFP-**	7/8" Size I Gray PVC STOOW 4 X 14 AWG 600V, 15A -40°C to +105°C 14.9mm OD	Industry Standard PVC	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	 7/8"-16UN2
 1"-16UN2	MINH-7MFPX-**	1" Size II Yellow PVC AWM 2 X 14 AWG 600V, 12A or 9A 5 X 18 AWG 600V, 1A or 5A -40°C to +105°C 12.1mm OD	Industry Standard PVC	**North American** 1. White/Black 2. Black*** 3. White*** 4. Red 5. Orange 6. Blue 7. Green/Yellow	 1"-16UN2

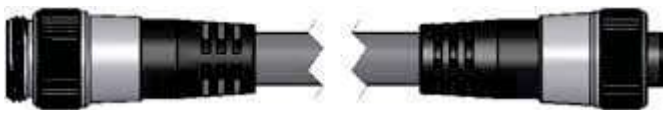
** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

*** Black and White wires are 14 AWG.

Standard coupling nuts are nickel plated brass for 3 & 4 pin and anodized aluminum for 7 pin, for stainless coupling nut add a "-SS" suffix. (e.g. MINH-4MFP-3 becomes MINH-4MFP-3-SS)

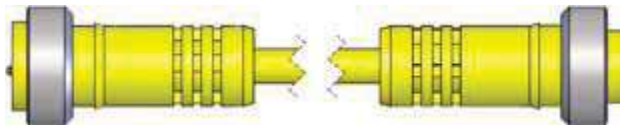
For extension cables with right angle female ends, please consult the factory.

TPE jacket (TC-ER) is available for 3 & 4 pin upon request.



3 & 4 Conductors

Male (Male Threads) - Female (Female Threads)



7 Conductors

Male (Female Threads) - Female (Female Threads)

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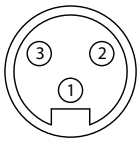
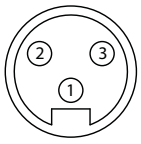
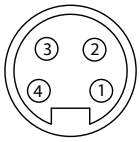
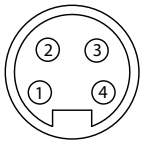
7/8” MIN Power Series Size I “T” Connectors

3 & 4 Conductor MIN Power Series Size I “T”Connectors



“T” Connectors | 600 Volt, 18 amps | 600 Volt, 15 amps | IP67 Rating

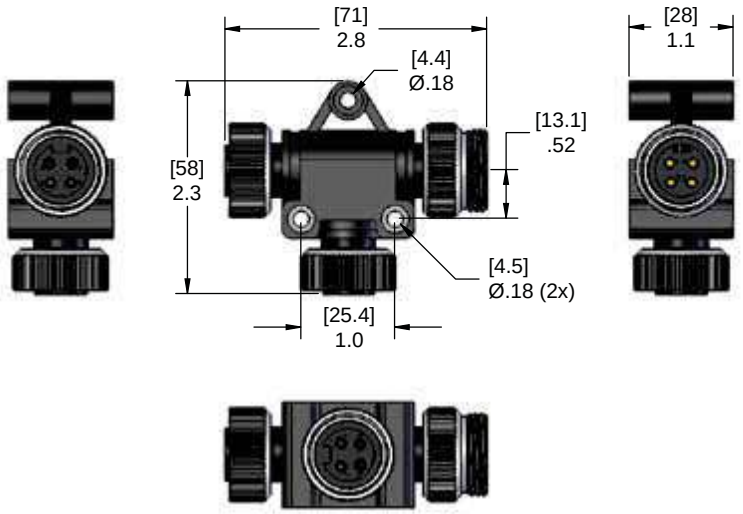
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# of Poles	Male Faceview	Rating	Part Number	Wiring	Female Faceview
3	 7/8”-16UN2	600V 18A	MINH-3MFF-T-B	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3	 7/8”-16UN2
4	 7/8”-16UN2	600V 15A	MINH-4MFF-T-B	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 7/8”-16UN2

Stainless Steel Couplings available; please consult the factory for part number and availability.

Specifications:

Body:	Oil Resistant PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)



ALL THREADS 7/8-16 UN

D

MIN Power Cordsets

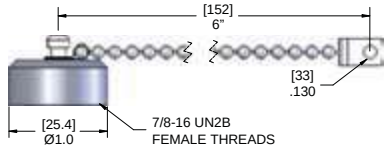
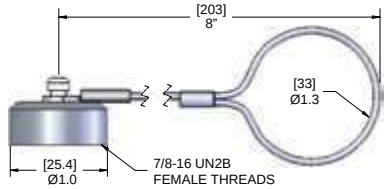
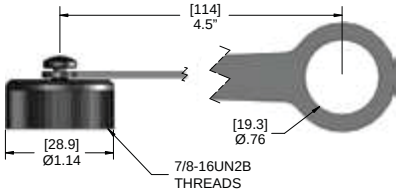
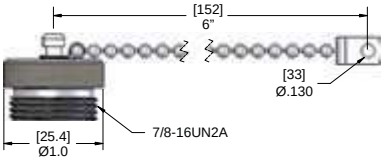
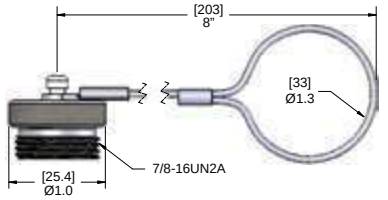
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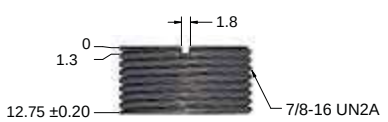
7/8” MIN Power Series Accessories

3 & 4 Conductor MIN Power Series Accessories

Closure Caps & Plugs | Adapter Coupling | Plug | IP67 Rating

Metal/Plastic Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MIN-CAP	Nickel Plated Brass	Female	0.13”
	MIN-CAP-CBLY	Nickel Plated Brass	Female	1.3” (For Use on Cables)
	MIN-CAP-PASW	Polyamide NBR with Tether	Female	0.76”
Metal Closure Plugs				
	MIN-PLUG	Nickel Plated Brass	Male	0.13”
	MIN-PLUG-CBLY	Nickel Plated Brass	Male	1.3” (For Use on Cables)
	MIN-PLUG-NC	Clear Anodized Aluminum	Male	N/A

NBR tether and stainless steel lanyard are available for all MIN-CAP and MIN-PLUG. Please consult the factory for part number and availability.
Tether of plastic cap mounts under receptacles with ½” NPT or M20 mounting threads and also serves as a gasket. For male plugs with male threads, tether will attach to the plug.

Adapter Coupling	Part Number	Material	Threads
	MIN-XMP-AD	Nickel Plated Brass	Male
	MIN-XMP D-SS	Stainless Steel	

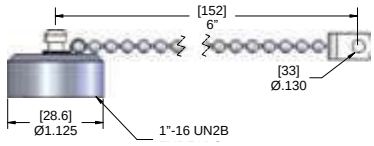
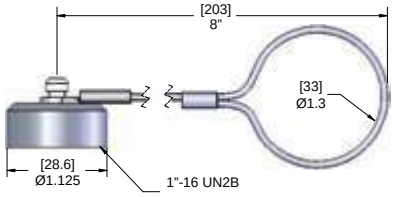
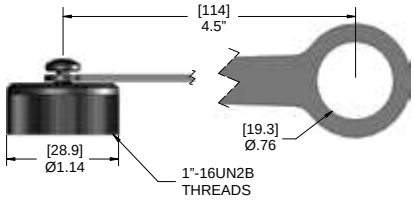
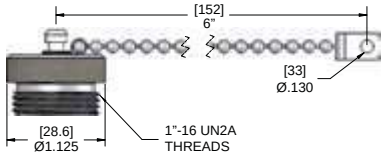
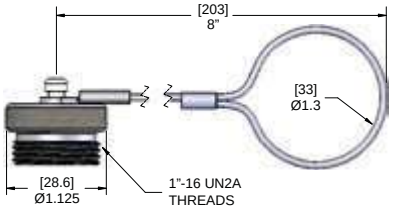
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1” MIN Power Series Accessories

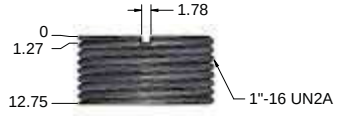
7 Conductor MIN Power Series Accessories



Closure Caps & Plugs | Adapter Coupling | IP67 Rating

Metal/Plastic Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MIN-2-CAP	Nickel Plated Brass	Female	0.13”
	MIN-2-CAP-CBLY	Nickel Plated Brass	Female	1.3”
	MIN-2-CAP-PASW	Polyamide NBR with Tether	Female	0.76”
Metal Closure Plugs				
	MIN-2-PLUG	Nickel Plated Brass	Male	0.13”
	MIN-2-PLUG-CBLY	Nickel Plated Brass	Male	1.3”

NBR tether and stainless steel lanyard are available for all MIN-2-CAP and MIN-2-PLUG. Please consult the factory for part number and availability.
Tether of plastic cap mounts under receptacles with ½” NPT or M20 mounting threads and also serves as a gasket. For male plugs with male threads, tether will attach to the plug.

Adapter Coupling	Part Number	Material	Threads
	MIN-XMP2-AD	Nickel Plated Brass	Male
	MIN-XMP2-AD-SS	Stainless Steel	

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Notes:

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MIN Power Series Receptacles

MIN Power Series Size Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MINH - ☐ ☐ - ☐ - ☐ - ☐ - ☐

Number of Conductors

3
4
7

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

Connector Configuration

FR = Female Receptacle
FRM = Female Receptacle w/ Male Threads
MR = Male Receptacle

Mounting Style

Blank = Front Mount 1/2"-14 NPT
M16 = Front Mount Metric 16 Threads
M20 = Front Mount Metric 20 Threads

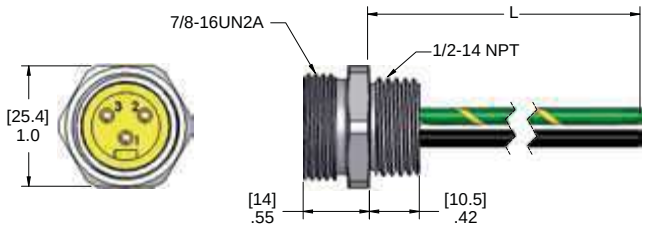
Length in Meter

Wire AWG

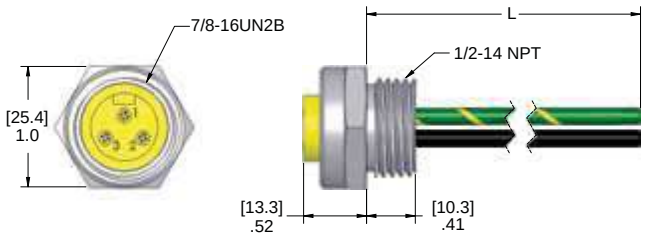
Blank = 14 AWG
14 & 18 AWG (7 pole only)
18 = 18 AWG
22 = 22 AWG

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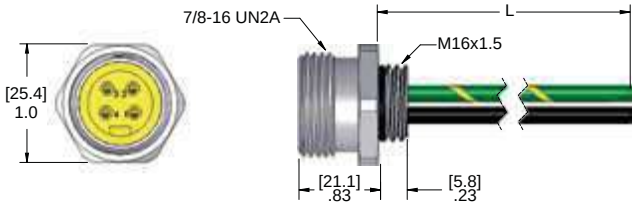
MIN Size I, Front Mount, Male, 1/2”-14NPT Page D-11



MIN Size I, Front Mount, Female, 1/2”-14NPT Page D-11

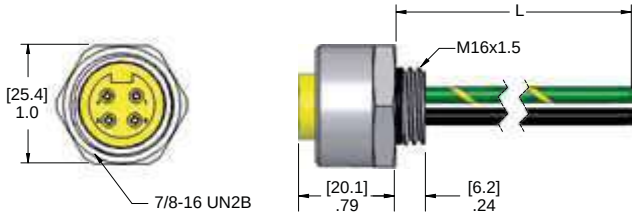


MIN Size I, Front Mount, Male, Metric Threads Page D-11

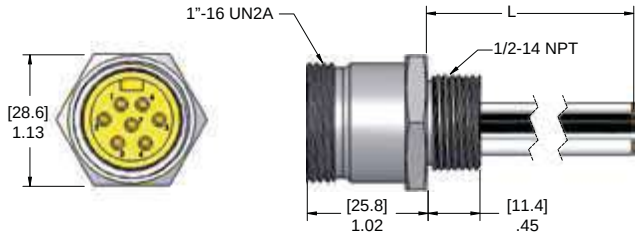


M16 threads shown - M20 threads also available.

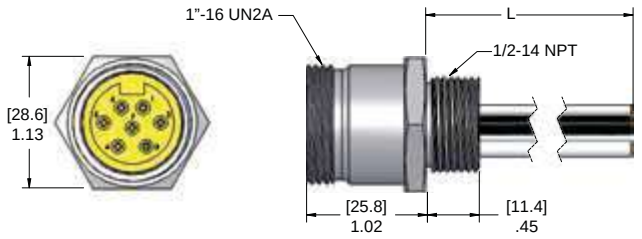
MIN Size I, Front Mount, Female, Metric Threads Page D-11



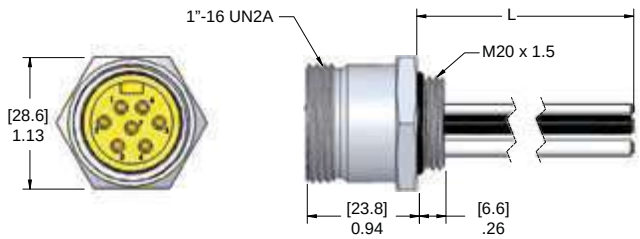
MIN Size II, Front Mount, Male, 1/2”-14NPT Page D-12



MIN Size II, Front Mount, Female, 1/2”-14NPT Page D-12



MIN Size II, Front Mount, Male, Metric Threads Page D-12



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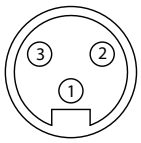
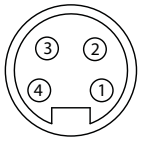
7/8” MIN Power Series Size I Receptacles

3 & 4 Conductor MIN Power Series Size I Receptacles, 14AWG



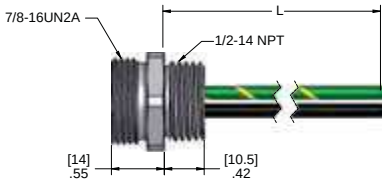
Front Mount Receptacles | 1/2”-14 NPT Threads | Metric Threads | IP67 Rating

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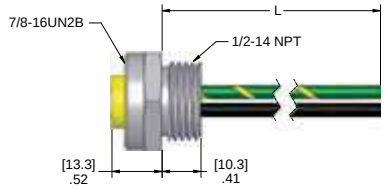
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Mounting Threads	Male Receptacles	Female Receptacles
3	 7/8”-16UN2	**North American** 1. Green/Yellow 2. Black 3. White	14 AWG 600V 18A	1/2” NPT	MINH-3MR-**	MINH-3FR-**
				M16 x 1.5	MINH-3MR-**-M16	MINH-3FR-**-M16
				M20 x 1.5	MINH-3MR-**-M20	N/A
4	 7/8”-16UN2	**North American** 1. Black 2. White 3. Red 4. Green/Yellow	14 AWG 600V 15A	1/2” NPT	MINH-4MR-**	MINH-4FR-**
				M16 x 1.5	MINH-4MR-**-M16	MINH-4FR-**-M16
				M20 x 1.5	MINH-4MR-**-M20	N/A

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
O-ring included on all metric threads. Lock nut included on lead length of 18” or more.
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MINH-3MR-1 becomes MINH-3MR-1-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are inlcuded.

1/2”-14 NPT Threads

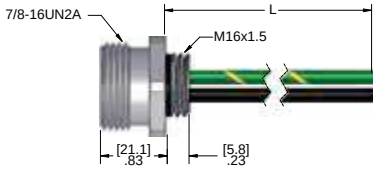


Male Receptacles

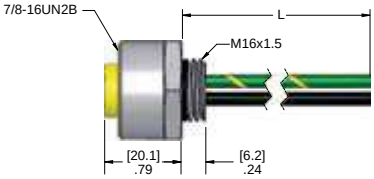


Female Receptacles

M16 Threads

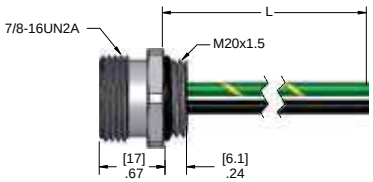


Male Receptacles



Female Receptacles

M20 Threads



Male Receptacles

Specifications:

Shell:	Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
Insulator:	105°C, Oil Resistant Yellow PVC	O-Ring:	NBR
Wire:	14 AWG: UL Style 1015, 600V	Temperature:	-40°C to 105°C (-40°F to +221°F)

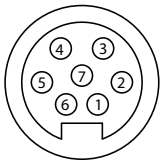
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1” MIN Power Series Cordsets

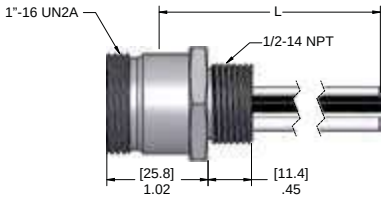
7 Conductor MIN Power Series Cordsets, 14/18AWG

Front Mount Receptacles | 1/2”-14 NPT Threads | Metric Threads | IP67 Rating

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Mounting Threads	Male Receptacles	Female Receptacles
7	 1”-16UN2	**North American** 1. White/Black 2. Black*** 3. White*** 4. Red 5. Orange 6. Blue 7. Green/Yellow	2 x 14 AWG 300V, 12A or 9A 5 x 18 AWG 300V, 1A or 5A	1/2” NPT	MINH-7MR-**	MINH-7FR-**
				M20 x 1.5	MINH-7MR-**-M20	N/A

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
*** Black and White wires are 14 AWG.
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MINH-7MR-0.3M becomes MINH-7MR-0.3M-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are inlcuded.

1/2”-14 NPT Threads



M20 Threads

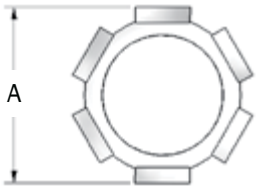


Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	105°C, Oil Resistant Yellow PVC
Wire:	14 AWG: UL Style 1015, 600V 18 AWG: UL Style 1007, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)

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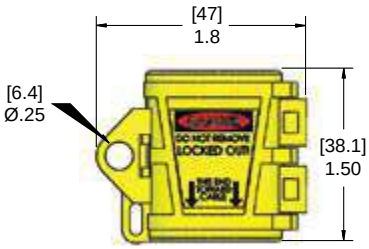
Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	2M16M	M16 x 1.5	19 mm	2.8 mm	Brass Nickel Plate
	2M20M	M20 x 1.5	24 mm	3.0 mm	Brass Nickel Plate
Lock Nut					
	212M	1/2" NPT	28.5 mm	3.3 mm	Steel Zinc Plate

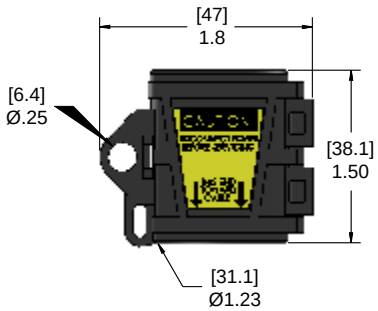
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MIN Power Series Accessories

MIN Series Power Size I Lock & Lockout

MIN Size I Lockout	Part Number	Connection	Material
	MIN-LOCKOUT	7/8” MIN Size I Plug	Polyamide

MIN Size I Lock	Part Number	Connection	Material
	MIN-LOCK	7/8” MIN Size I Plug to Receptacle	Polyamide

MIN-LOCK is designed to secure the connection between a straight MIN Size I plug and a mating receptacle.

To open lock, insert small flat blade screwdriver into the slot below the padlock hole.



MINH Size I Plug to Receptacle Only



MIN Size I Plug Lockout

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1 3/8” MIN Power Series Cordsets

PMIN Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

PMIN☐-☐☐☐-☐-☐-☐

Cable Type

Blank = PVC
W = TPE
WB = TPE / Braided Shield

Number of Conductors

3
4
5 = 4 Pole + Drain

Cable Style

Blank = PVC
C011 = TC-ER, FT4

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connector

Wire AWG

0 = 10 AWG
2 = 12 AWG
4 = 14 AWG

Length in Meter

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight

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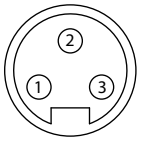
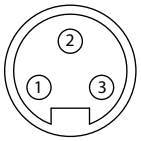
1 3/8” MIN Power Series Cordsets

3 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

Straight Male Cordsets | 600 Volt | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-30MP-**	Gray PVC STOOW 3 X 10 AWG 600V, 35A -40°C to +90°C 16.6mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMIN-34MP-**	Gray PVC STOOW 3 X 14 AWG 600V, 24A -40°C to +90°C 13.6mm OD			
	PMINW-30MP-**-C011	Black TPE AWM 3 X 10AWG 600V, 35A -40°C to +90°C 11.9mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMINW-32MP-**-C011	Black TPE AWM 3 X 12AWG 600V, 28A -40°C to +90°C 10.2mm OD			
	PMINW-34MP-**-C011	Black TPE AWM 3 X 14AWG 600V, 24A -40°C to +90°C 8.89mm OD			

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-30MP-1M becomes PMIN-30MP-1M-SS)

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1 3/8” MIN Power Series Cordsets

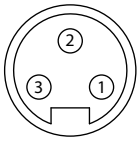
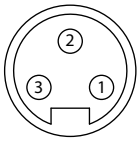
3 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG



Straight Female Cordsets | 600 Volt | IP67 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-30FP-**	Gray PVC STOOW 3 X 10 AWG 600V, 35A -40°C to +90°C 16.6mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMIN-34FP-**	Gray PVC STOOW 3 X 14 AWG 600V, 24A -40°C to +90°C 13.6mm OD			
	PMINW-30FP-**-C011	Black TPE AWM 3 X 10AWG 600V, 35A -40°C to +90°C 11.9mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMINW-32FP-**-C011	Black TPE AWM 3 X 12AWG 600V, 28A -40°C to +90°C 10.2mm OD			
	PMINW-34FP-**-C011	Black TPE AWM 3 X 14AWG 600V, 24A -40°C to +90°C 8.89mm OD			

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-30FP-1M becomes PMIN-30FP-1M-SS)



1 3/8” MIN Power Series Cordsets

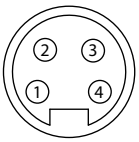
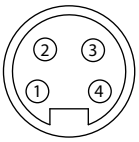
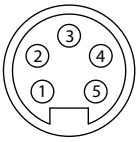
4 & 5 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

Straight Male Cordsets | 600 Volt | IP67 Rating

c UL us LISTED

5 pole is not UL listed.



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-40MP-**	Gray PVC STOOW 4 X 10 AWG 600V, 32A -40°C to +90°C 18mm OD	Industry Standard PVC	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMIN-44MP-**	Gray PVC STOOW 4 X 14 AWG 600V, 20A -40°C to +90°C 14.7mm OD			
	PMINW-40MP-**-C011	Black TPE AWM 4 X 10 AWG 600V, 32A -40°C to +90°C 13.2 mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMINW-42MP-**-C011	Black TPE AWM 4 X 12 AWG 600V, 25A -40°C to +90°C 10.9mm OD			
	PMINW-44MP-**-C011	Black TPE AWM 4 X 14 AWG 600V, 20A -40°C to +90°C 9.7mm OD			
	PMINWB-450MP-**-C011	Black TPE AWM With Braided Shield 4 X 10 AWG 1 x 14 AWG (Drain) 600V, 25A -40°C to +90°C 13.1 mm OD	TC-ER, FT4 Weld Slag Resistant TPE Braided Shield	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Drain	 1.375”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-40MP-1M becomes PMIN-40MP-1M-SS)

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1 3/8” MIN Power Series Cordsets

4 & 5 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

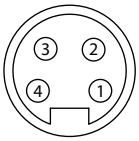
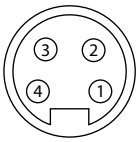
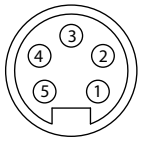


Straight Female Cordsets | 600 Volt | IP67 Rating



5 pole is not UL listed.

C UL US LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-40FP-**	Gray PVC STOOW 4 X 10 AWG 600V, 32A -40°C to +90°C 18mm OD	Industry Standard PVC	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMIN-44FP-**	Gray PVC STOOW 4 X 14 AWG 600V, 20A -40°C to +90°C 14.7mm OD			
	PMINW-40FP-**-C011	Black TPE AWM 4 X 10 AWG 600V, 32A -40°C to +90°C 13.2 mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMINW-42FP-**-C011	Black TPE AWM 4 X 12 AWG 600V, 25A -40°C to +90°C 10.9mm OD			
	PMINW-44FP-**-C011	Black TPE AWM 4 X 14 AWG 600V, 20A -40°C to +90°C 9.7mm OD			
	PMINWB-450FP-**-C011	Black TPE AWM With Braided Shield 4 X 10 AWG 1 x 14 AWG (Drain) 600V, 25A -40°C to +90°C 13.1 mm OD	TC-ER, FT4 Weld Slag Resistant TPE Braided Shield	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Drain	 1.375”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-40FP-1M becomes PMIN-40FP-1M-SS)

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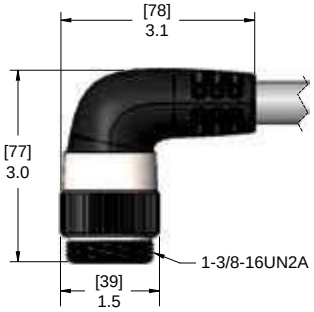
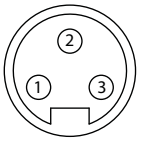
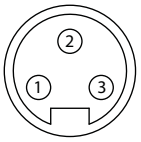


1 3/8” MIN Power Series Cordsets

3 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

Right Angle Male Cordsets | 600 Volt | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-30MP-**-R	Gray PVC STOOW 3 X 10 AWG 600V, 35A -40°C to +90°C 16.6mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMIN-34MP-**-R	Gray PVC STOOW 3 X 14 AWG 600V, 24A -40°C to +90°C 13.6mm OD			
	PMINW-30MP-**-R-C011	Black TPE AWM 3 X 10AWG 600V, 35A -40°C to +90°C 11.9mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMINW-32MP-**-R-C011	Black TPE AWM 3 X 12AWG 600V, 28A -40°C to +90°C 10.2mm OD			
	PMINW-34MP-**-R-C011	Black TPE AWM 3 X 14AWG 600V, 24A -40°C to +90°C 8.89mm OD			

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-30MP-1M-R becomes PMIN-30MP-1M-R-SS)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

1 3/8” MIN Power Series Cordsets

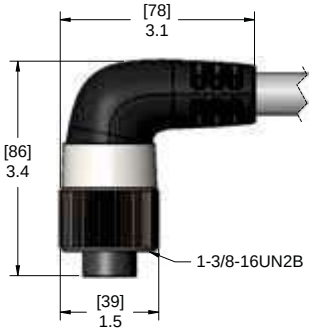
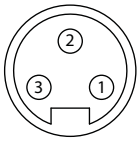
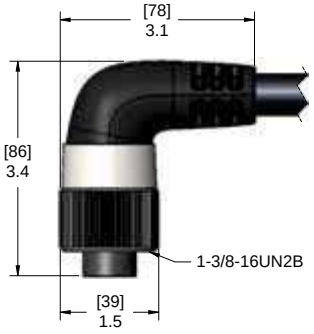
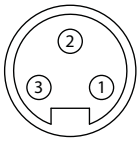
3 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG



Right Angle Female Cordsets | 600 Volt | IP67 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-30FP-**-R	Gray PVC STOOW 3 X 10 AWG 600V, 35A -40°C to +90°C 16.6mm OD	Industry Standard PVC	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMIN-34FP-**-R	Gray PVC STOOW 3 X 14 AWG 600V, 24A -40°C to +90°C 13.6mm OD			
	PMINW-30FP-**-R-C011	Black TPE AWM 3 X 10AWG 600V, 35A -40°C to +90°C 11.9mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Green/Yellow 2. Black 3. White	 1.375”-16UN2
	PMINW-32FP-**-R-C011	Black TPE AWM 3 X 12AWG 600V, 28A -40°C to +90°C 10.2mm OD			
	PMINW-34FP-**-R-C011	Black TPE AWM 3 X 14AWG 600V, 24A -40°C to +90°C 8.89mm OD			

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-30FP-1M-R becomes PMIN-30FP-1M-R-SS)

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1 3/8” MIN Power Series Cordsets

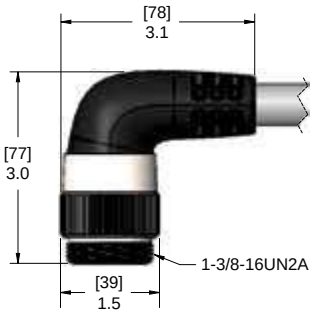
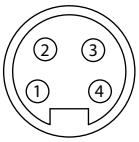
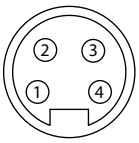
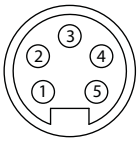
4 & 5 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

Right Angle Male Cordsets | 600 Volt | IP67 Rating

c UL us LISTED

5 pole is not UL listed.



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-40MP-**-R	Gray PVC STOOW 4 X 10 AWG 600V, 32A -40°C to +90°C 18mm OD	Industry Standard PVC	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMIN-44MP-**-R	Gray PVC STOOW 4 X 14 AWG 600V, 20A -40°C to +90°C 14.7mm OD			
	PMINW-40MP-**-R-C011	Black TPE AWM 4 X 10 AWG 600V, 32A -40°C to +90°C 13.2 mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMINW-42MP-**-R-C011	Black TPE AWM 4 X 12 AWG 600V, 25A -40°C to +90°C 10.9mm OD			
	PMINW-44MP-**-R-C011	Black TPE AWM 4 X 14 AWG 600V, 20A -40°C to +90°C 9.7mm OD			
	PMINWB-450MP-**-R-C011	Black TPE AWM With Braided Shield 4 X 10 AWG 1 x 14 AWG (Drain) 600V, 25A -40°C to +90°C 13.1 mm OD	TC-ER, FT4 Weld Slag Resistant TPE Braided Shield	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Drain	 1.375”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-40MP-1M-R becomes PMIN-40MP-1M-R-SS)

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1 3/8” MIN Power Series Cordsets

4 & 5 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

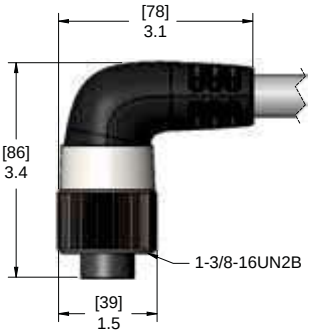
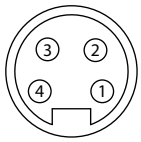
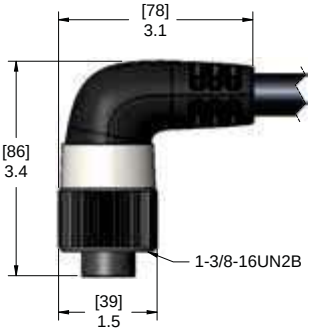
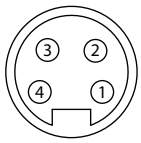
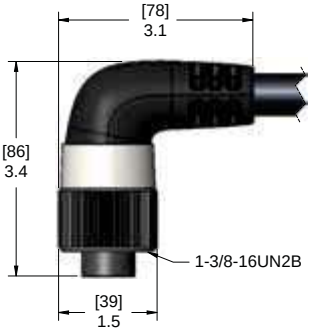
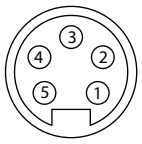


Right Angle Female Cordsets | 600 Volt | IP67 Rating



5 pole is not UL listed.

C UL US LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	PMIN-40FP-**-R	Gray PVC STOOW 4 X 10 AWG 600V, 32A -40°C to +90°C 18mm OD	Industry Standard PVC	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMIN-44FP-**-R	Gray PVC STOOW 4 X 14 AWG 600V, 20A -40°C to +90°C 14.7mm OD			
	PMINW-40FP-**-R-C011	Black TPE AWM 4 X 10 AWG 600V, 32A -40°C to +90°C 13.2 mm OD	TC-ER, FT4 Weld Slag Resistant TPE	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	 1.375”-16UN2
	PMINW-42FP-**-R-C011	Black TPE AWM 4 X 12 AWG 600V, 25A -40°C to +90°C 10.9mm OD			
	PMINW-44FP-**-R-C011	Black TPE AWM 4 X 14 AWG 600V, 20A -40°C to +90°C 9.7mm OD			
	PMINWB-450FP-**-R-C011	Black TPE AWM With Braided Shield 4 X 10 AWG 1 x 14 AWG (Drain) 600V, 25A -40°C to +90°C 13.1 mm OD	TC-ER, FT4 Weld Slag Resistant TPE Braided Shield	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Drain	 1.375”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-40FP-1M-R becomes PMIN-40FP-1M-R-SS)

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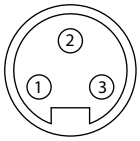
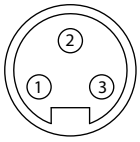
1 3/8” MIN Power Series Cordsets

3 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

Double Ended Cordsets | 600 Volt | IP67 Rating

c UL us LISTED



Male Faceview	Cables	Straight Male to Straight Female	Right Angle Male to Right Angle Female	Right Angle Male to Straight Female	Straight Male to Right Angle Female
 1.375”-16UN2	Gray PVC STOOW 3 X 10 AWG 600V, 35A -40°C to +90°C 16.6mm OD	PMIN-30MFP-**	PMIN-30MFP-**-R	PMIN-30MRFP-**	PMIN-30MFRP-**
	Gray PVC STOOW 3 X 14 AWG 600V, 24A -40°C to +90°C 13.6mm OD	PMIN-34MFP-**	PMIN-34MFP-**-R	PMIN-34MRFP-**	PMIN-34MFRP-**
 1.375”-16UN2	Black TPE AWM 3 X 10AWG 600V, 35A -40°C to +90°C 11.9mm OD	PMINW-30MFP-**-C011	PMINW-30MFP-**-R-C011	PMINW-30MRFP-**-C011	PMINW-30MFRP-**-C011
	Black TPE AWM 3 X 12AWG 600V, 28A -40°C to +90°C 10.2mm OD	PMINW-32MFP-**-C011	PMINW-32MFP-**-R-C011	PMINW-32MRFP-**-C011	PMINW-32MFRP-**-C011
	Black TPE AWM 3 X 14AWG 600V, 24A -40°C to +90°C 8.89mm OD	PMINW-34MFP-**-C011	PMINW-34MFP-**-R-C011	PMINW-34MRFP-**-C011	PMINW-34MFRP-**-C011

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-30MFP-1M becomes PMIN-30MFP-1M-SS)

Straight



Male Plug



Female Plug

Right Angle



Male Plug



Female Plug

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

1 3/8” MIN Power Series Cordsets

4 & 5 Conductor MIN Power Series Cordsets, 10, 12 & 14AWG

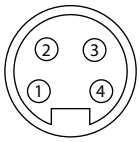
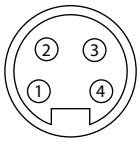
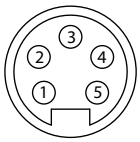


Double Ended Cordsets | 600 Volt | IP67 Rating



5 pole is not UL listed.

C UL US LISTED

Male Faceview	Cables	Straight Male to Straight Female	Right Angle Male to Right Angle Female	Right Angle Male to Straight Female	Straight Male to Right Angle Female
 1.375”-16UN2	Gray PVC STOOW 4 X 10 AWG 600V, 32A -40°C to +90°C 18mm OD	PMIN-40MFP-**	PMIN-40MFP-**-R	PMIN-40MRFP-**	PMIN-40MFRP-**
	Gray PVC STOOW 4 X 14 AWG 600V, 20A -40°C to +90°C 14.7mm OD	PMIN-44MFP-**	PMIN-44MFP-**-R	PMIN-44MRFP-**	PMIN-44MFRP-**
 1.375”-16UN2	Black TPE AWM 4 X 10 AWG 600V, 32A -40°C to +90°C 13.2 mm OD	PMINW-40MFP-**-C011	PMINW-40MFP-**-R-C011	PMINW-40MRFP-**-C011	PMINW-40MFRP-**-C011
	Black TPE AWM 4 X 12 AWG 600V, 25A -40°C to +90°C 10.9mm OD	PMINW-42MFP-**-C011	PMINW-42MFP-**-R-C011	PMINW-42MRFP-**-C011	PMINW-42MFRP-**-C011
	Black TPE AWM 4 X 14 AWG 600V, 20A -40°C to +90°C 9.7mm OD	PMINW-44MFP-**-C011	PMINW-44MFP-**-R-C011	PMINW-44MRFP-**-C011	PMINW-44MFRP-**-C011
 1.375”-16UN2	Black TPE AWM With Braided Shield 4 X 10 AWG 1 x 14 AWG (Drain) 600V, 25A -40°C to +90°C 13.1 mm OD	PMINWB-450MFP-**-C011	PMINWB-450MFP-**-R-C011	PMINWB-450MRFP-**-C011	PMINWB-450MFRP-**-C011

** Lengths in meters. Standard cable lengths are 1, 2, 5, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-40MFP-1M becomes PMIN-40MFP-1M-SS)

Straight



Male Plug



Female Plug

Right Angle



Male Plug



Female Plug

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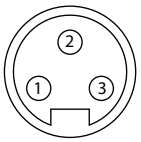
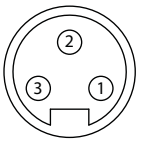
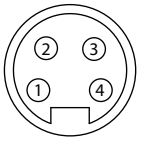
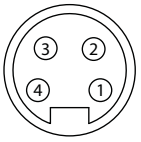


1 3/8” MIN Power Series “T” Connectors

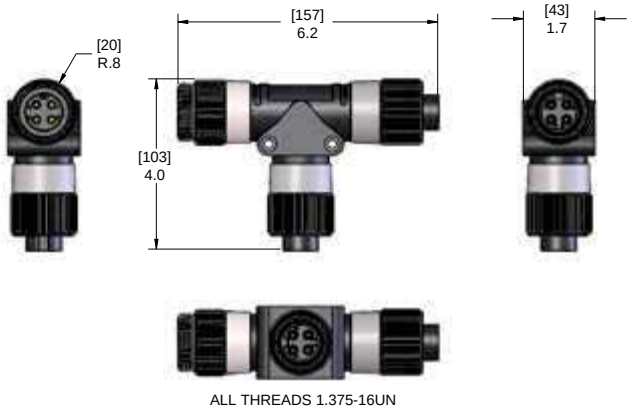
3 & 4 Conductor PMIN Series “T” Connector

“T” Connectors | Male to Two Female | 600 Volt | IP67 Rating

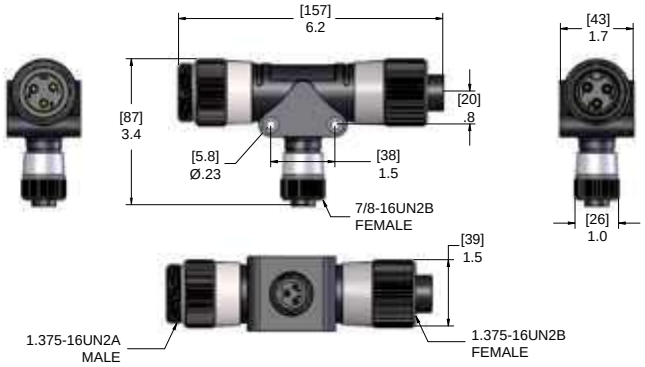
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# of Poles	Male Faceview	Female Drop Thread Size	Part Number	Wiring	Female Faceview
3	 1.375”-16UN2	1.375”-16UN	PMIN-30MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3	 1.375”-16UN2
		7/8”-16UN	PMINH-34MFF-T		
4	 1.375”-16UN2	1.375”-16UN	PMIN-40MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 1.375”-16UN2
		7/8”-16UN	PMINH-44MFF-T		

Standard coupling nut is nickel plated brass, for stainless steel coupling add -SS suffix. (e.g. PMIN-3MFF-T becomes PMIN-3MFF-T-SS)



PMIN T Connectors



PMINH T Connectors

Specifications:

Body :	Oil Resistant Black PVC
Contacts :	Copper Alloy with Gold Plating
Coupling Nut :	Nickel Plated Brass
Temperature :	-40°C to +105°C

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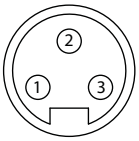
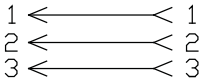
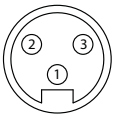
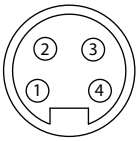
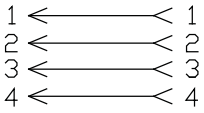
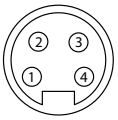
1 3/8” MIN Power Series Adapter Plugs

3 & 4 Conductor PMIN (1.375”-16UN) to MINH (7/8”-16UN) Adapter Plugs



Adapter Plugs | PMIN (1 3/8”) to MINH (7/8”) | 600 Volt | IP67 Rating

c UL us LISTED

Housing Style	Part Number	Rating	Male Faceview	Connection Diagram	Female Faceview
	PMINH-3MFP-AD1	600V 18A	 1.375”-16UN2		 7/8”-16UN2
	PMINH-4MFP-AD1	600V 15A	 1.375”-16UN2		 7/8”-16UN2

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nuts:	Nickel Plated Brass
Inserts:	Oil Resistant PVC
O-Ring:	NBR

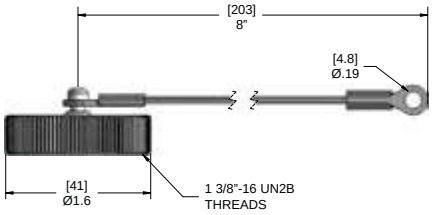
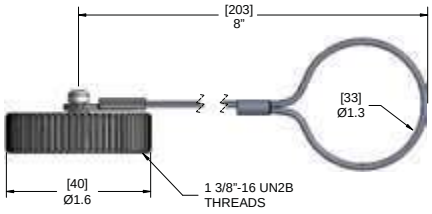
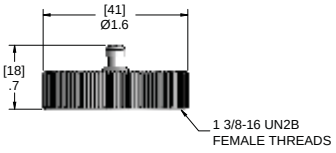
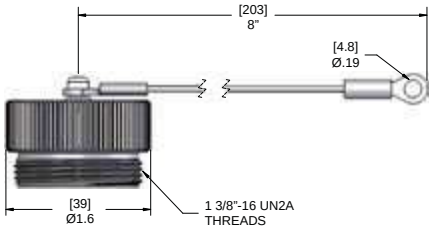
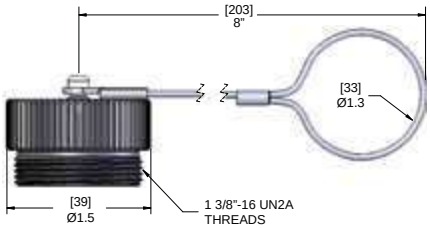
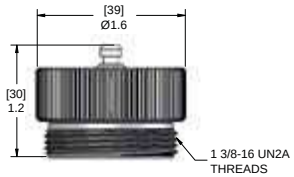
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1 3/8” MIN Power Series Accessories

PMIN Series Accessories

Closure Cap & Plug | IP67 Rating

Metal Closure Cap				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	PMIN-CAP-LY	Nickel Plated Brass	Female	0.19”
	PMIN-CAP-CBLY	Nickel Plated Brass	Female	1.3”
	PMIN-CAP-NC	Nickel Plated Brass	Female	N/A
Metal Closure Plug				
	PMIN-PLUG-LY	Nickel Plated Brass	Male	0.19”
	PMIN-PLUG-CBLY	Nickel Plated Brass	Male	1.3”
	PMIN-PLUG-NC	Nickel Plated Brass	Male	N/A

NBR tether and stainless steel lanyard are available for all PMIN-CAP-LLY and PMIN-PLUG-LLY. Please consult the factory for part number and availability.

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1 3/8” MIN Power Series Receptacles

PMIN Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

PMIN - ☐ ☐ ☐ - ☐ - ☐

Number of Conductors

3
4

Wire AWG

0 = 10 AWG
2 = 12 AWG
4 = 14 AWG

Mounting Style

Blank = Front Mount 1/2”-14 NPT
34 = Front Mount 3/4”-14 NPT

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Length in Meter

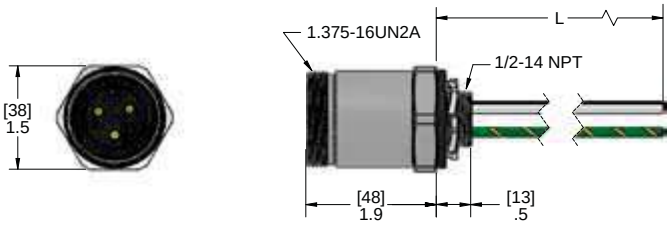
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1 3/8” MIN Power Series Receptacles

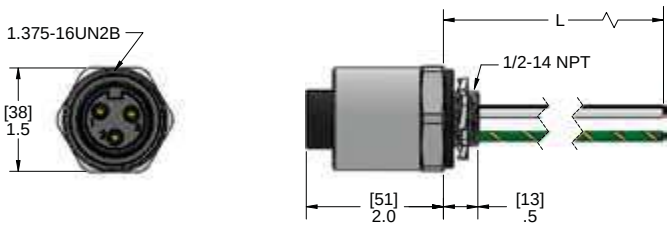
PMIN Series Receptacle Index

Front Mount | 1/2”-14NPT | 3/4”-14NPT

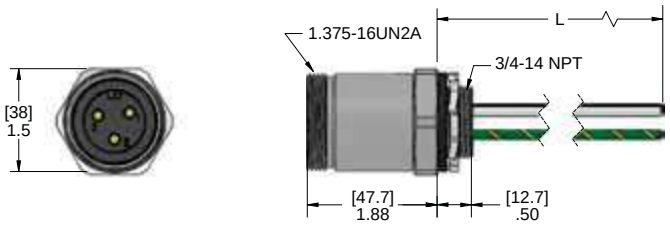
Front Mount, Male, 1/2”-14NPT Page D-31



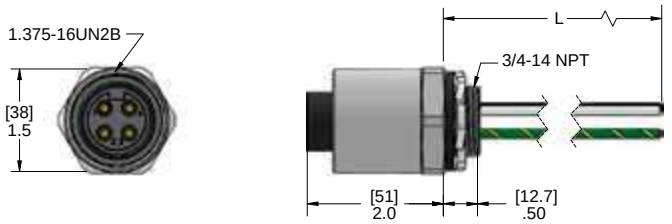
Front Mount, Female, 1/2”-14NPT Page D-31



Front Mount, Male, 3/4”-14NPT Page D-32



Front Mount, Female, 3/4”-14NPT Page D-32



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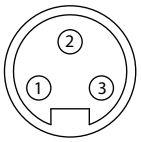
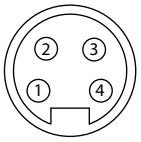
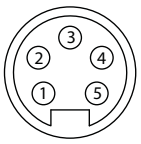
1 3/8” MIN Power Series Receptacles

3, 4 & 5 Conductor PMIN Receptacles, 10, 12 & 14AWG

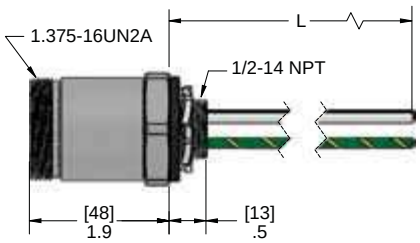


Front Mount Receptacles | 1/2”-14 NPT Threads | IP67 Rating

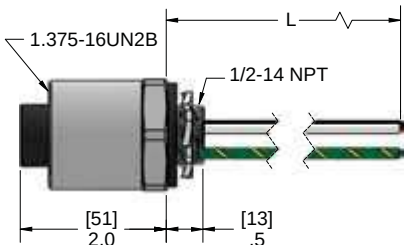
5 pole is not UL listed.

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. White	600V 35A	10 AWG	PMIN-30MR-**	PMIN-30FR-**
			600V 28A	12 AWG	PMIN-32MR-**	PMIN-32FR-**
			600V 24A	14 AWG	PMIN-34MR-**	PMIN-34FR-**
4	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	600V 32A	10 AWG	PMIN-40MR-**	PMIN-40FR-**
			600V 25A	12 AWG	PMIN-42MR-**	PMIN-42FR-**
			600V 20A	14 AWG	PMIN-44MR-**	PMIN-44FR-**
5	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Gray	600V 25A	10 AWG	PMIN-450MR-**	PMIN-450FR-**

** Lengths in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



Male Receptacles



Female Receptacles

Specifications:

Shell:	Nickel Plated Brass
Insulator:	105ºC, Oil Resistant Black PVC
Wire:	10 AWG: UL Style 1015, 600V 12 AWG: UL Style 1015, 600V 14 AWG: UL Style 1015, 600V
Contacts:	Copper Alloy with Gold Plating
Gasket:	TPE
Lock Nut:	Zinc Plated Steel
Temperature:	-40ºC to 90ºC (-40ºF to +194ºF)

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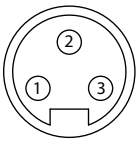
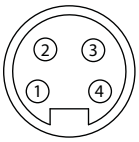
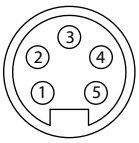


1 3/8” MIN Power Series Receptacles

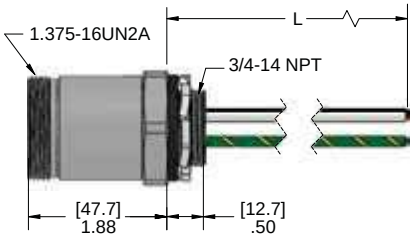
3, 4 & 5 Conductor PMIN Receptacles, 10, 12 & 14AWG

Front Mount Receptacles | 3/4”-14 NPT Threads | IP67 Rating

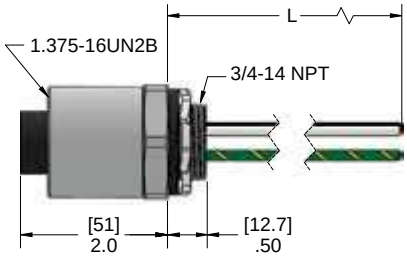
c UL us LISTED — 5 pole is not UL listed.

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. White	600V 35A	10 AWG	PMIN-30MR-**-34	PMIN-30FR-**-34
			600V 28A	12 AWG	PMIN-32MR-**-34	PMIN-32FR-**-34
			600V 24A	14 AWG	PMIN-34MR-**-34	PMIN-34FR-**-34
4	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. Red 4. White	600V 32A	10 AWG	PMIN-40MR-**-34	PMIN-40FR-**-34
			600V 25A	12 AWG	PMIN-42MR-**-34	PMIN-42FR-**-34
			600V 20A	14 AWG	PMIN-44MR-**-34	PMIN-44FR-**-34
5	 1.375”-16UN2	**North American** 1. Black 2. Green/Yellow 3. Red 4. White 5. Gray	600V 25A	10 AWG	PMIN-450MR-**-34	PMIN-450FR-**-34

** Lengths in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



Male Receptacles



Female Receptacles

Specifications:

Shell:	Nickel Plated Brass
Insulator:	105ºC, Oil Resistant Black PVC
Wire:	10 AWG: UL Style 1015, 600V 12 AWG: UL Style 1015, 600V 14 AWG: UL Style 1015, 600V
Contacts:	Copper Alloy with Gold Plating
Gasket:	TPE
Lock Nut:	Zinc Plated Steel
Temperature:	-40ºC to 90ºC (-40ºF to +194ºF)

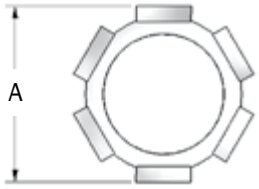
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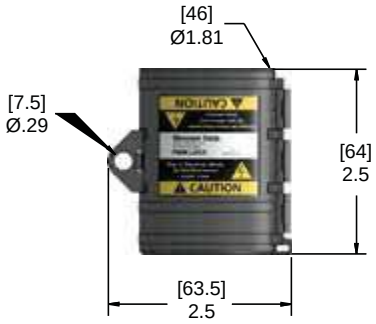
1 3/8” MIN Power Series Accessories

PMIN Series Receptacle Lock Nuts & Lock for Connectors



NPT Threads Receptacle Lock Nuts | PMIN Lock for Plug to Plug & Plug to Receptacle

Lock Nuts	Part #	Thread	A	Thickness	Material
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated Steel
	234M	3/4” NPT	32.5 mm	3.9 mm	Zinc Plated Steel

PMIN Lock	Part Number	Connection	Material
	PMIN-LOCK	1 3/8” PMIN Plug to Plug Plug to Receptacle	Polyamide

PMIN-LOCK is designed to secure the connection between two straight PMIN plugs or between a straight PMIN plug and a mating receptacle.
To open lock, insert small flat blade screwdriver into slot below padlock hole.



PMIN Plug to Plug



PMIN Plug to Receptacle

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Notes:

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M16, M23 & M27 Series

MCL Series (M16), MCV & MCVH (M23), MCX Series (M27)

UL File #:
E149111

c UL us LISTED



Cables

Mencom offers over-molded cables and field wireable connectors. Many are available in straight and right angle configurations. The cables are available in many off the shelf lengths and the jacket material is typically PVC, PUR or TPE. For custom applications please consult the factory.

Receptacles

Nothing says “convenience” more than a completed, pre-wired, ready to use, multi-pin receptacle. Many of our receptacles are available fully potted with an industry leading array of mounting options. These include ½” NPT, M20, M25, Panel Mount, and Back Mount to name a few. Standard lead lengths are 0.3m, 0.5m 1m, 2m and 3m, but we can easily customize to your required length and/or color code. Solder cup and crimp terminations are also available.



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M16, M23 & M27 Series

MCL Series (M16), MCV & MCVH (M23), MCX Series (M27)

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M16, M23, M27 Series Cordsets

M16, M23, M27 Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MC☐☐-☐☐-☐-☐-☐-☐-☐-☐

Connector Type

L	=	M16
V	=	M23 Control
VH	=	M23 Power
X	=	M27

Cable Type

Blank	=	PVC
P	=	PUR
W	=	TPE
WF	=	TPE High-Flex

Number of Conductors

6
7
8
12
14
16
17
19
26
28

Connector Configuration

MP	=	Male Plug
FP	=	Female Plug
MPM	=	Male Plug with Male Threads
MFP	=	Male / Female Extension
MMFP	=	Male with Male Threrads / Female Extension
MFRP	=	Male Straight / Female Right Angle
MRFP	=	Male Right Angle / Female Straight
MPX	=	Male Plug - All 18 awg
FPX	=	Female Plug - All 18 awg
MPMX	=	Male Plug with Male Threads - All 18 awg
MFPX	=	Male / Female Extension - All 18 awg
MMFPX	=	Male with Male Threrads / Female Extension - All 18 awg
MFRPX	=	Male Straight / Female Right Angle - All 18 awg
MRFPX	=	Male Right Angle / Female Straight - All 18 awg

R/A or Straight

Blank	=	Straight *
R	=	Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Termination Type

Blank	=	Pre-Wired
SC	=	Field Wireable Solder Cup
CC	=	Field Wireable Crimp

Other Variables

Blank	=	Standard Color Code
C010	=	ITC-ER/PLTC-ER
N01	=	Numbered Cable

Coupling Nut

Blank	=	Nickel plated brass
SS	=	Stainless Steel

Field Wireable

Blank	=	Pre-Wired
FW	=	Field Wireable

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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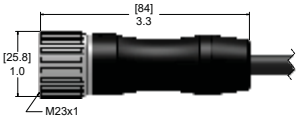
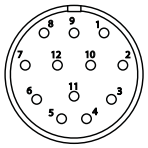
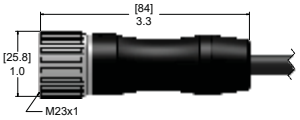
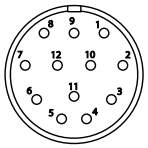
MCV (M23) Series Cordsets

12 Conductor M23 Series Cordsets, 18/22AWG

Straight Male Cordsets | 300 Volt, 6 amps | 300 Volt, 6 & 2 amps | IP67 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
18 AWG					
	MCVW-12MPX-**-N01	Black TPE AWM 12 X 18 AWG 300V, 6A -40°C to +105°C 9.9mm OD	Weld Slag Resistant TPE	Black Numbered Wires #1~11 Green/Yellow #12	 M23 x 1
18 & 22 AWG					
	MCVP-12MP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Brown*** 2. Brown/White 3. Blue*** 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow***	 M23 x 1
	MCVW-12MP-**	Black TPE AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Weld Slag Resistant TPE Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

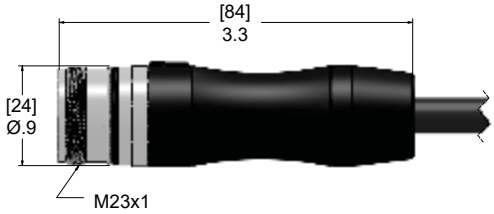
*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-12MP-1M becomes MCV-12MP-1M-SS)

Fixed Male Thread Option

For male threaded coupling replace "MP/MPX" with "MPM/MPMX".
(e.g. MCVP-12MP-1M becomes MCVP-12MPM-1M)



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MCV (M23) Series Cordsets

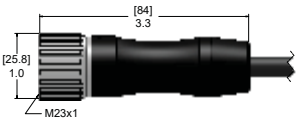
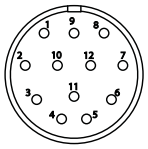
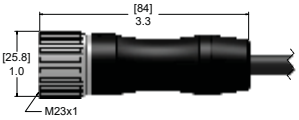
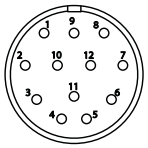
12 Conductor M23 Series Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 6 amps | 300 Volt, 6 & 2 amps | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
18 AWG					
	MCVW-12FPX-**-N01	Black TPE AWM 12 X 18 AWG 300V, 6A -40°C to +105°C 9.9mm OD	Weld Slag Resistant TPE	Black Numbered Wires #1~11 Green/Yellow #12	 M23 x 1
18 & 22 AWG					
	MCVP-12FP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Brown*** 2. Brown/White 3. Blue*** 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow***	 M23 x 1
	MCVW-12FP-**	Black TPE AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Weld Slag Resistant TPE Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-12FP-1M becomes MCV-12FP-1M-SS)

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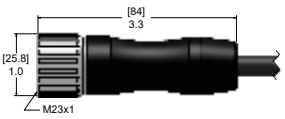
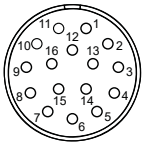
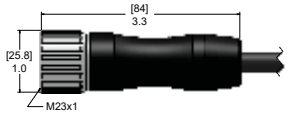
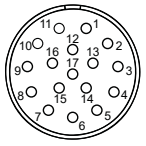


MCV (M23) Series Cordsets

16 & 17 Conductor M23 Series Cordsets, 18AWG

Straight Male Cordsets | 150 Volt, 5 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
16 Pole					
	MCV-16MPX-**-N01	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~15 Green/Yellow #16	 M23 x 1
	MCV-16MPX-**-C010	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 9. Black 2. Brown 10. Violet 3. Green 11. Gray/Pink 4. Yellow 12. Red/Blue 5. Gray 13. White/Green 6. Pink 14. Brown/Green 7. Blue 15. White/Yellow 8. Red 16. Yellow/Brown	
17 Pole					
	MCV-17MPX-**-N01	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~16 Green/Yellow #17	 M23 x 1
	MCV-17MPX-**	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +105°C 11.2mm OD	Industry Standard PVC	1. White 10. Violet 2. Brown 11. Gray/Pink 3. Green 12. Red/Blue 4. Yellow 13. White/Green 5. Gray 14. Brown/Green 6. Pink 15. White/Yellow 7. Blue 16. Yellow/Brown 8. Red 17. White/Gray 9. Black	
	MCV-17MPX-**-C010	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-16MPX-1M-N01 becomes MCV-16MPX-1M-N01-SS)

Fixed Male Thread Option

For male threaded coupling replace "MPX" with "MPMX".
(e.g. MCV-16MPX-1M-N01 becomes MCV-16MPMX-1M-N01)



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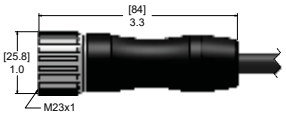
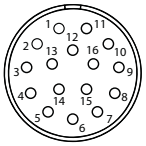
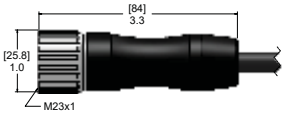
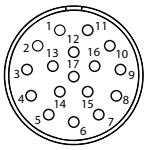
MCV (M23) Series Cordsets

16 & 17 Conductor M23 Series Cordsets, 18AWG



Straight Female Cordsets | 150 Volt, 5 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
16 Pole					
	MCV-16FPX-**-N01	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~15 Green/Yellow #16	 M23 x 1
	MCV-16FPX-**-C010	Black PVC AWM 16 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 9. Black 2. Brown 10. Violet 3. Green 11. Gray/Pink 4. Yellow 12. Red/Blue 5. Gray 13. White/Green 6. Pink 14. Brown/Green 7. Blue 15. White/Yellow 8. Red 16. Yellow/Brown	
17 Pole					
	MCV-17FPX-**-N01	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~16 Green/Yellow #17	 M23 x 1
	MCV-17FPX-**	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +105°C 11.2mm OD	Industry Standard PVC	1. White 10. Violet 2. Brown 11. Gray/Pink 3. Green 12. Red/Blue 4. Yellow 13. White/Green 5. Gray 14. Brown/Green 6. Pink 15. White/Yellow 7. Blue 16. Yellow/Brown 8. Red 17. White/Gray 9. Black	
	MCV-17FPX-**-C010	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-16FPX-1M-N01 becomes MCV-16FPX-1M-N01-SS)

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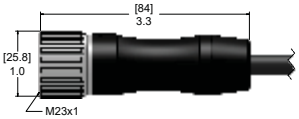
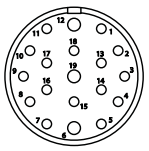
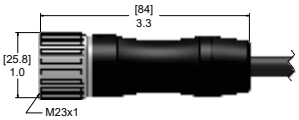
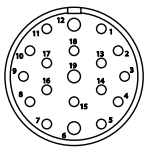
MCV (M23) Series Cordsets

19 Conductor M23 Series Cordsets, 18/22AWG

Straight Male Cordsets | 150 Volt, 5 amps | 150 Volt, 10/1A or 9/2A | IP67 Rating

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18 AWG					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MCV-19MPX-**-C010	Black PVC ITC-ER/PLTC-ER 19 X 18 AWG 150V 10/1A or 9/2A -40°C to +90°C 13.6mm OD	PVC ITC-ER/PLTC-ER	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown	 M23 x 1
18/22 AWG					
	MCVP-19MP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.9mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVWF-19MP-**	Black TPE AWM 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.4mm OD	Continuous-Flex (10 MM Cycle) Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-19MP-1M becomes MCVP-19MP-1M-SS)

Fixed Male Thread Option

For male threaded coupling replace "MP/MPX" with "MPM/MPMX".
(e.g. MCVP-19MP-1M becomes MCVP-19MPM-1M)



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MCV (M23) Series Cordsets

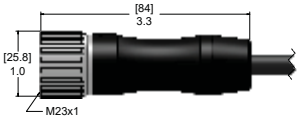
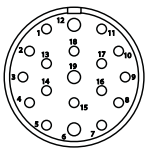
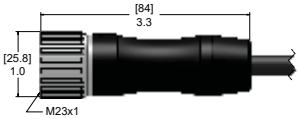
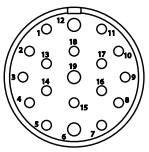
19 Conductor M23 Series Cordsets, 18AWG



Straight Female Cordsets | 150 Volt, 5 amps | 150 Volt, 10/1A or 9/2A | IP67 Rating



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18 AWG					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MCV-19FPX-**-C010	Black PVC ITC-ER/PLTC-ER 19 X 18 AWG 150V 10/1A or 9/2A -40°C to +90°C 13.6mm OD	PVC ITC-ER/PLTC-ER	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown	 M23 x 1
18/22 AWG					
	MCVP-19FP-**	Black PUR AWM With Foil Shield 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.9mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVWF-19FP-**	Black TPE AWM 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.4mm OD	Continuous-Flex (10 MM Cycle) Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-19FP-1M becomes MCVP-19FP-1M-SS)

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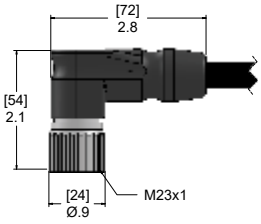
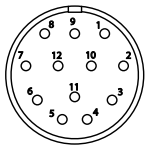
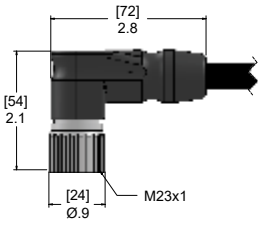
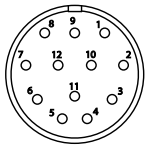
MCV (M23) Series Cordsets

12 Conductor M23 Series Cordsets, 18/22AWG

Right Angle Male Cordsets | 300 Volt, 6 amps | 300 Volt, 6 & 2 amps | IP67 Rating

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18 AWG					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MCVW-12MPX-**-R-N01	Black TPE AWM 12 X 18 AWG 300V, 6A -40°C to +105°C 9.9mm OD	Weld Slag Resistant TPE	Black Numbered Wires #1~11 Green/Yellow #12	 M23 x 1
18/22 AWG					
	MCVP-12MP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Female Connector Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Brown*** 2. Brown/White 3. Blue*** 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow***	 M23 x 1
	MCVW-12MP-**-R	Black TPE AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Weld Slag Resistant TPE Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

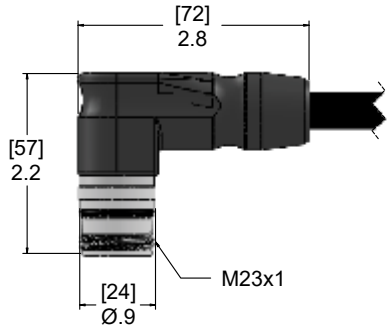
*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-12MP-1M-R becomes MCVP-12MP-1M-R-SS)

Fixed Male Thread Option

For male threaded coupling replace "MP/MPX" with "MPM/MPMX".
(e.g. MCVP-12MP-1M becomes MCVP-12MPM-1M)



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MCV (M23) Series Cordsets

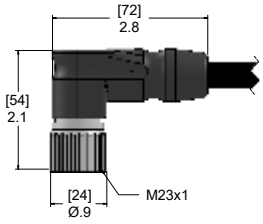
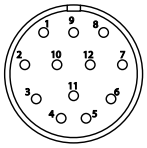
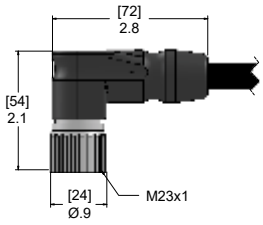
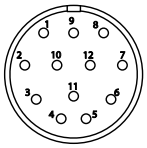
12 Conductor M23 Series Cordsets, 18/22AWG



Right Angle Female Cordsets | 300 Volt, 6 amps | 300 Volt, 6 & 2 amps | IP67 Rating



c UL us LISTED

18 AWG					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MCVW-12FPX-**-R-N01	Black TPE AWM 12 X 18 AWG 300V, 6A -40°C to +105°C 9.9mm OD	Weld Slag Resistant TPE	Black Numbered Wires #1~11 Green/Yellow #12	 M23 x 1
18/22 AWG					
	MCVP-12FP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Male Connector Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Brown*** 2. Brown/White 3. Blue*** 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow***	 M23 x 1
	MCVW-12FP-**-R	Black TPE AWM With Foil Shield 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Weld Slag Resistant TPE Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-12FP-1M-R becomes MCVP-12FP-1M-R-SS)

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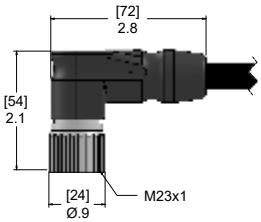
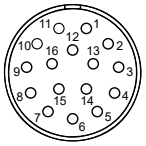
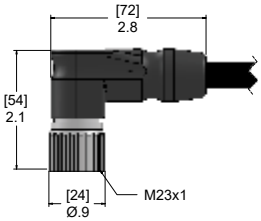
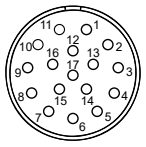


MCV (M23) Series Cordsets

16 & 17 Conductor M23 Series Cordsets, 18AWG

Right Angle Male Cordsets | 150 Volt, 5 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
16 Pole					
	MCV-16MPX-**-R-N01	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~15 Green/Yellow #16	
	MCV-16MPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 9. Black 2. Brown 10. Violet 3. Green 11. Gray/Pink 4. Yellow 12. Red/Blue 5. Gray 13. White/Green 6. Pink 14. Brown/Green 7. Blue 15. White/Yellow 8. Red 16. Yellow/Brown	M23 x 1
17 Pole					
	MCV-17MPX-**-R-N01	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~16 Green/Yellow #17	
	MCV-17MPX-**-R	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +105°C 11.2mm OD	Industry Standard PVC	1. White 10. Violet 2. Brown 11. Gray/Pink 3. Green 12. Red/Blue 4. Yellow 13. White/Green 5. Gray 14. Brown/Green 6. Pink 15. White/Yellow 7. Blue 16. Yellow/Brown 8. Red 17. White/Gray 9. Black	M23 x 1
	MCV-17MPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

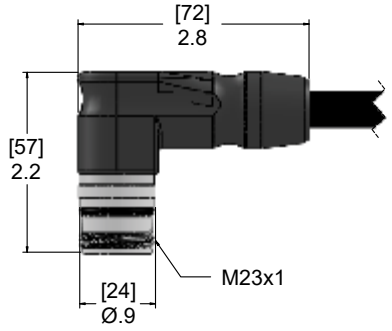
Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-17MPX-1M-R-N01 becomes MCV-17MPX-1M-R-N01-SS)

Fixed Male Thread Option

For male threaded coupling replace "MPX" with "MPMX".

(e.g. MCV-16MPX-1M-R-N01 becomes MCV-16MPMX-1M-R-N01)



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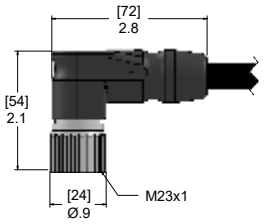
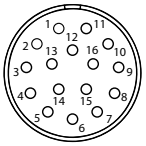
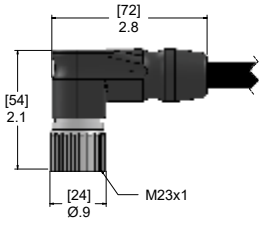
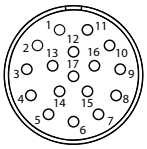
MCV (M23) Series Cordsets

16 & 17 Conductor M23 Series Cordsets, 18AWG



Right Angle Female Cordsets | 150 Volt, 5 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
16 Pole					
	MCV-16FPX-**-R-N01	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~15 Green/Yellow #16	 M23 x 1
	MCV-16FPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 9. Black 2. Brown 10. Violet 3. Green 11. Gray/Pink 4. Yellow 12. Red/Blue 5. Gray 13. White/Green 6. Pink 14. Brown/Green 7. Blue 15. White/Yellow 8. Red 16. Yellow/Brown	
17 Pole					
	MCV-17FPX-**-R-N01	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 13.5mm OD	PVC ITC-ER/PLTC-ER	Black Numbered Wires #1~16 Green/Yellow #17	 M23 x 1
	MCV-17FPX-**-R	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +105°C 11.2mm OD	Industry Standard PVC	1. White 10. Violet 2. Brown 11. Gray/Pink 3. Green 12. Red/Blue 4. Yellow 13. White/Green 5. Gray 14. Brown/Green 6. Pink 15. White/Yellow 7. Blue 16. Yellow/Brown 8. Red 17. White/Gray 9. Black	
	MCV-17FPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-17FPX-1M-R-N01 becomes MCV-17FPX-1M-R-N01-SS)

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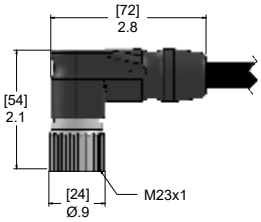
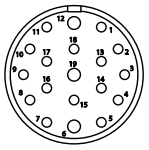
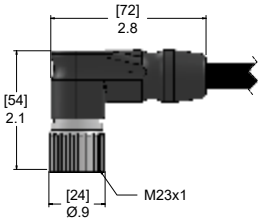
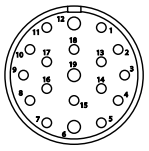
MCV (M23) Series Cordsets

19 Conductor M23 Series Cordsets, 18/22AWG

Right Angle Male Cordsets | 150 Volt, 5 amps | 150 Volt, 10/1A or 9/2A | IP67 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
18 AWG					
	MCV-19MPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 19 X 18 AWG 150V 10/1A or 9/2A -40°C to +90°C 13.6mm OD	PVC ITC-ER/PLTC-ER	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown	 M23 x 1
18/22 AWG					
	MCVP-19MP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.9mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVWF-19MP-**-R	Black TPE AWM 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.4mm OD	Continuous-Flex (10 MM Cycle) Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

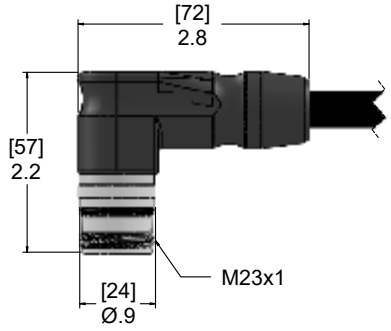
*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-19MP-1M-R becomes MCVP-19MP-1M-R-SS)

Fixed Male Thread Option

For male threaded coupling replace "MP/MPX" with "MPM/MPMX".
(e.g. MCVP-19MP-1M-R becomes MCVP-19MPM-1M-R)



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MCV (M23) Series Cordsets

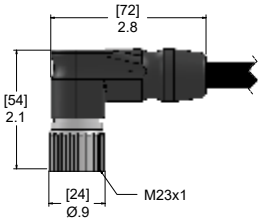
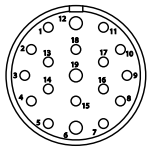
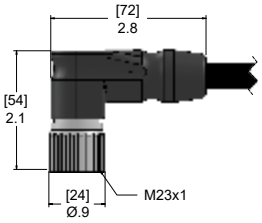
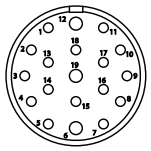
17 & 19 Conductor M23 Series Cordsets, 18AWG



Right Angle Female Cordsets | 150 Volt, 5 amps | 150 Volt, 10/1A or 9/2A | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
18 AWG					
	MCV-19FPX-**-R-C010	Black PVC ITC-ER/PLTC-ER 19 X 18 AWG 150V 10/1A or 9/2A -40°C to +90°C 13.6mm OD	PVC ITC-ER/PLTC-ER	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown	 M23 x 1
18/22 AWG					
	MCVP-19FP-**-R	Black PUR AWM With Foil Shield 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.9mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVWF-19FP-**-R	Black TPE AWM 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.4mm OD	Continuous-Flex (10 MM Cycle) Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-19FP-1M-R becomes MCVP-19FP-1M-R-SS)

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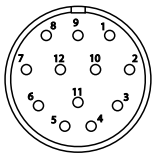
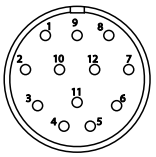
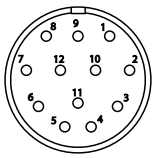
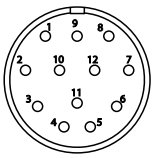
MCV (M23) Series Cordsets

12 Conductor M23 Series Cordsets18/22AWG

Double Ended Cordsets | 300 Volt, 6 amps, 2 & 6 amps | IP67 Rating

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Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M23 x 1	MCVP-12MFP-**	A to D	Black PUR AWM 3 X 18 AWG 300V, 6A 9 X 22 AWG 300V, 2A -40°C to +80°C 8.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Brown*** 2. Brown/White 3. Blue*** 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow***	 M23 x 1
	MCVP-12MMFP-**	C to D				
	MCVP-12MFRP-**	A to E				
	MCVP-12MRFP-**	B to D				
	MCVP-12MFP-**-R	B to E				
 M23 x 1	MCVW-12MFPX-**	A to D	Black TPE AWM With Foil Shield 12 X 18 AWG 300V, 6A -40°C to +90°C 8.1mm OD	Weld Slag Resistant TPE Foil Shield	Black Numbered Wires #1~11 Green/Yellow #12	 M23 x 1
	MCVW-12MMFPX-**	C to D				

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 . Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-12MFP-1M becomes MCVP-12MFP-1M-SS)

Figure A



Male (Female Threads) Plug

Figure B



Male (Female Threads) Plug

Figure C



Male (Male Threads) Plug



Figure D

Female (Female Threads) Plug



Figure E

Female (Female Threads) Plug

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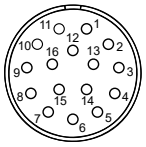
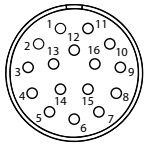
MCV (M23) Series Cordsets

16 Conductor M23 Series Cordsets, 18AWG



Double Ended Cordsets | 150 Volt, 5 amps | IP67 Rating



Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M23 x 1	MCV-16MFPX-**-C010	A to D	Black PVC ITC-ER/PLTC-ER 16 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown	 M23 x 1
	MCV-16MMFPX-**-C010	C to D				
	MCV-16MFRPX-**-C010	A to E				
	MCV-16MRFPX-**-C010	B to D				
	MCV-16MFPX-**-R-C010	B to E				

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass,. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCV-16MFPX-1M-C010 becomes MCV-16MFPX-1M-C010)

Figure A



Male (Female Threads) Plug

Figure B



Male (Female Threads) Plug

Figure C



Male (Male Threads) Plug



Figure D

Female (Female Threads) Plug



Figure E

Female (Female Threads) Plug

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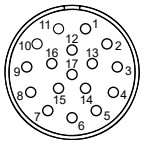
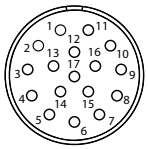
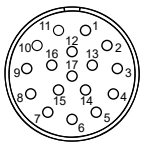
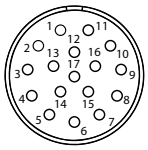


MCV (M23) Series Cordsets

17 Conductor M23 Series Cordsets, 18AWG

Double Ended Cordsets | 150 Volt, 5 amps | IP67 Rating



Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M23 x 1	MCV-17MFPX-**	A to D	Black PVC AWM 17 X 18 AWG 150V, 5A -40°C to +105°C 11.2mm OD	Industry Standard PVC	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	 M23 x 1
	MCV-17MMFPX-**	C to D				
	MCV-17MFRPX-**	A to E				
	MCV-17MRFPX-**	B to D				
	MCV-17MFPX-**-R	B to E				
 M23 x 1	MCV-17MFPX-**-C010	A to D	Black PVC ITC-ER/PLTC-ER 17 X 18 AWG 150V, 5A -40°C to +90°C 12.1mm OD	PVC ITC-ER/PLTC-ER	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	 M23 x 1
	MCV-17MMFPX-**-C010	C to D				
	MCV-17MFRPX-**-C010	A to E				
	MCV-17MRFPX-**-C010	B to D				
	MCV-17MFPX-**-R-C010	B to E				

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-17MFPX-1M-C010 becomes MCV-17MFPX-1M-C010)

Figure A



Male (Female Threads) Plug

Figure B



Male (Female Threads) Plug

Figure C



Male (Male Threads) Plug



Figure D

Female (Female Threads) Plug



Figure E

Female (Female Threads) Plug

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MCV (M23) Series Cordsets

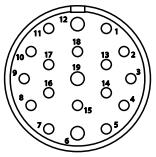
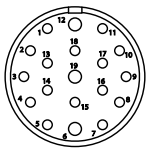
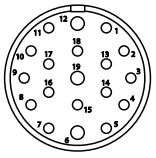
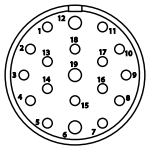
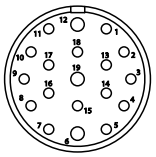
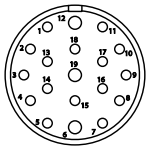
19 Conductor M23 Series Cordsets, 18/22AWG



Double Ended Cordsets | 150 Volt, 5 amps | 150 Volt, 10/1A or 9/2A | IP67 Rating



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Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M23 x 1	MCV-19MFPX-**-C010	A to D	Black PVC ITC-ER/PLTC-ER 19 X 18 AWG 150V 10/1A or 9/2A -40°C to +90°C 13.6mm OD	PVC ITC-ER/PLTC-ER	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown	 M23 x 1
	MCV-19MMFPX-**-C010	C to D				
 M23 x 1	MCVP-19MFP-**	A to D	Black PUR AWM With Foil Shield 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.9mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVP-19MMFP-**	C to D				
	MCVP-19MFRP-**	A to E				
	MCVP-19MRFP-**	B to D				
	MCVP-19MFP-**-R	B to E				
 M23 x 1	MCVWF-19MFP-**	A to D	Black TPE AWM 3 X 18 AWG 150V, 10A or 9A 16 X 22 AWG 150V, 1A or 2A -40°C to +80°C 9.4mm OD	Continuous-Flex (10 MM Cycle) Weld Slag Resistant TPE	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	 M23 x 1
	MCVWF-19MMFP-**	C to D				
	MCVWF-19MFRP-**	A to E				
	MCVWF-19MRFP-**	B to D				
	MCVWF-19MFP-**-R	B to E				

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

*** Brown, Blue and Green/Yellow are 18AWG

Standard coupling nut is nickel plated brass,. Stainless steel coupling nut is available only for female threads.

For stainless steel coupling nut add a "-SS" suffix. (e.g. MCVP-19MFP-1M becomes MCVP-19MFP-1M-SS)

Figure A



Male (Female Threads) Plug

Figure B



Male (Female Threads) Plug

Figure C



Male (Male Threads) Plug

Figure D



Female (Female Threads) Plug

Figure E



Female (Female Threads) Plug

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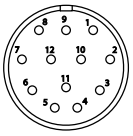
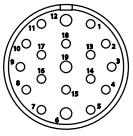


MCV (M23) Series Field Wireable Plugs

12 & 19 Conductor M23 Series Field Wireable Plugs, 18-24AWG

Male Field Wireable Plugs | Solder Cups/Crimp Pins | 300/150V, 8A Max | IP67 Rating

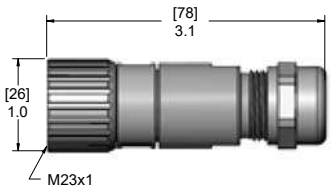


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Contact Type	Part Number	
						Female Threads	Male Threads
12	 M23 x 1	300V 8A MAX	18-24 AWG	5-13 mm	Solder Cup	MCV-12MP-FW-SC	MCV-12MPM-FW-SC
					Crimp Pin	MCV-12MP-FW-CC	MCV-12MPM-FW-CC
19	 M23 x 1	150V 8A MAX	18-24 AWG	5-13 mm	Solder Cup	MCV-19MP-FW-SC	MCV-19MPM-FW-SC
					Crimp Pin	MCV-19MP-FW-CC	MCV-19MPM-FW-CC

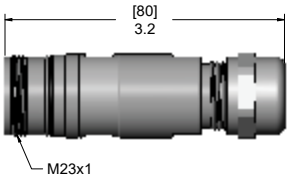
Connection via solder cup terminal or crimp pin. Voltage and amperage ratings are cable dependent and are based on 600V 18 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Insert:	PBT
Connections:	Crimp/Solder
Temperature:	-40°C to +105°C (-40°F to +221°F)



Male Plug with Female Threads



Male Plug with Male Threads

# of Poles	Crimp Pin	Wire AWG	Male Contacts		
			Stamped Reel	Stamped	Machined
12		18-20 AWG	DBMCP-CF-18	DBMCP-18	MCV-PIN-C-18
		22-24 AWG	DBMCP-CF	DBMCP	MCV-PIN-C
19		18 AWG	N/A	N/A	MCV-19MR-PIN
		20-24 AWG	N/A	N/A	MCV-19MR-PIN-20
		18 AWG Male Ground Pin	N/A	N/A	MCV-19MR-PIN-G

# of Poles	Removal Tool	Crimp Tools for Machined Pins		Assembly Tool for Female Threaded Connectors
		Locator Tool	Crimp Tool	
12	MCV12ES	MCTP-V12	CCPZ-MIL	MCV-001
19	MCV19ES	MCTP-V19		

Crimp Tool and Crimp Tool Locator are ordered separately. Locators fit into crimp tool and are necessary for proper crimping.

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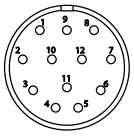
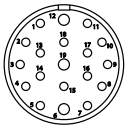
MCV (M23) Series Field Wireable Plugs

12 & 19 Conductor M23 Series Field Wireable Plugs, 18-24AWG



Female Field Wireable Plugs | Solder Cups/Crimp Pins | Tools | 300/150V, 8A Max | IP67 Rating

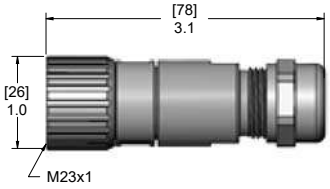


# of Poles	Female Faceview	Rating	Wire AWG	Cable O.D. Range	Contact Type	Part Number	
						Straight Plug	Right Angle Plug
12	 M23 x 1	300V 8A MAX	18-24 AWG	5-13 mm	Solder Cup	MCV-12FP-FW-SC	MCV-12FP-FW-R-SC
					Crimp Pin	MCV-12FP-FW-CC	MCV-12FP-FW-R-CC
19	 M23 x 1	150V 8A MAX	18-24 AWG	5-13 mm	Solder Cup	MCV-19FP-FW-SC	MCV-19FP-FW-R-SC
					Crimp Pin	MCV-19FP-FW-CC	MCV-19FP-FW-R-CC

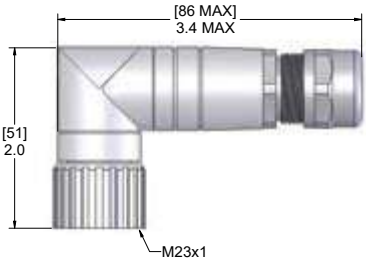
Connection via solder cup terminal or crimp pin. Voltage and amperage ratings are cable dependent and are based on 600V 18 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Insert:	PBT
Connections:	Crimp/Solder
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)



Straight Female Plug



Right Angle Female Plug

# of Poles	Crimp Pin	Wire AWG	Female Contacts		
			Stamped Reel	Stamped	Machined
12		18-20 AWG	DBFCP-CF-18	DBFCP-18	MCV-FM-C-18
		22-24 AWG	DBFCP-CF	DBFCP	MCV-FM-C
19		18 AWG	N/A	N/A	MCV-19FR-PIN
		20-24 AWG	N/A	N/A	MCV-19FR-PIN-20

# of Poles	Removal Tool	Crimp Tools for Machined Pins		Assembly Tool for Female Threaded Connectors
		Locator Tool	Crimp Tool	
12	MCV12ES	MCTP-V12	CCPZ-MIL	MCV-001
19	MCV19ES	MCTP-V19		

Crimp Tool and Crimp Tool Locator are ordered separately. Locators fit into crimp tool and are necessary for proper crimping.

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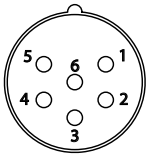
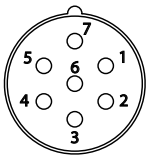


MCV (M23) Series Field Wireable Plugs

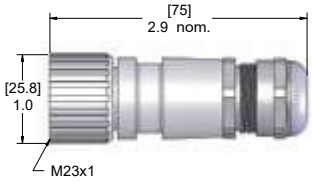
6 & 7 Conductor M23 Series Field Wireable Plugs, 14-20AWG

Field Wireable Plugs | Crimp Pins | Tools | 250 Volt, 20 amps | IP67 Rating

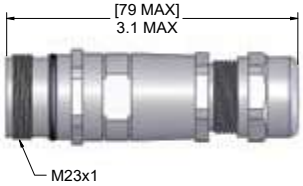


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs		Female Plugs
					Female Threads	Male Threads	
6	 M23 x 1	250V 20A Max	14-20 AWG	6-12 mm	MCV-6MP-FW-CC	MCV-6MPM-FW-CC	MCV-6FP-FW-CC
7	 M23 x 1	250V 20A Max	14-20 AWG	6-12 mm	MCV-7MP-FW-CC	MCV-7MPM-FW-CC	MCV-7FP-FW-CC

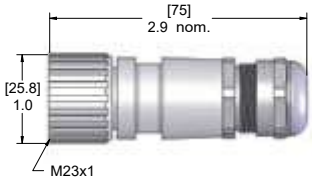
Connection via crimp pin. Voltage and amperage ratings are based on 300V 14 AWG wire and cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.



Male Plug with Female Threads



Male Plug with Male Threads



Female Plug with Female Threads

Specifications:

Body:	Nickel Plated Brass	Insert:	PBT
Contacts:	Copper Alloy with Gold Plating	Connections:	Crimp
O-Ring:	NBR	Temperature:	-40°C to +105°C (-40°F to +221°F)

# of Poles	Crimp Pin	Wire AWG	Male Contacts	Female Contacts
6&7	 Female Contact / Male Contact	14-16 AWG	MCV-6MR-PIN-14	MCV-6FR-PIN-14
		18-20 AWG	MCV-6MR-PIN-18	MCV-6FR-PIN-18
	 Male Contact	14-16 AWG Male Ground Pin	MCV-6MR-PIN-14-G	N/A

# of Poles	Removal Tool	Crimp Tool	Crimp Tool Locator	Assembly Tool for Female Threaded Connectors
6&7	MCV6ES	CCPZ-MIL	MCTP-V6	MCV-001

Crimp Tool and Crimp Tool Locator are ordered separately. Locators fit into crimp tool and are necessary for proper crimping.

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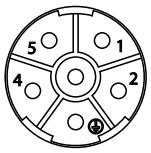
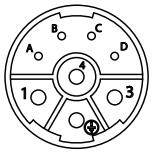
MCVH (M23) Series Field Wireable Plugs

6 & 8 Conductor M23 Series Field Wireable Plugs, 12-26AWG



Field Wireable Plugs | Crimp Pins | Tools | 630 Volt, 30 amps | IP67 Rating

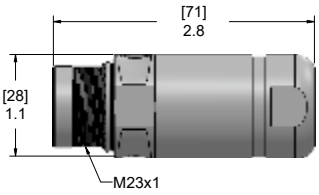


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
6	 M23 x 1	630V 30A Max	12-26 AWG	7.5-18 mm	MCVH-6MPM-FW-CC	MCVH-6FP-FW-CC
8	 M23 x 1	630V 30A Max	12-26 AWG	7.5-18 mm	MCVH-8MPM-FW-CC	MCVH-8FP-FW-CC

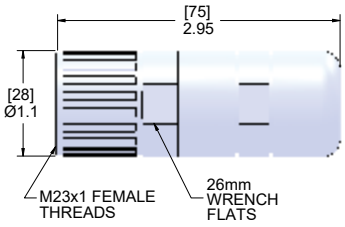
Connection is via crimp pins. Voltage and amperage ratings are cable dependent and are based on 600V 12 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	FPM
Coupling Nut:	Nickel Plated Brass
Insert:	Polyamide
Connections:	Crimp
Temperature:	-40°C to +125°C (-40°F to +257°F)



Male Plug with Male Threads



Female Plug with Female Threads

# of Poles	Crimp Pin	Wire AWG	Male Contacts	Female Contacts
6&8* *Pins 1-4 for the 8 Pole	 Male Contact / Female Contact	12 AWG	MCVH-MR-PIN-12	MCVH-FR-PIN-12
		14-16 AWG	MCVH-MR-PIN-16	MCVH-FR-PIN-16
		17-24 AWG	MCVH-MR-PIN-20	MCVH-FR-PIN-20
8 Pins A-D	 Male Contact / Female Contact	18-22 AWG	MCVH-8MR-PIN-18	MCVH-8FR-PIN-18
		24-26 AWG	MCVH-8MR-PIN-24	MCVH-8FR-PIN-24

# of Poles	Crimp Tool	Crimp Tool Locator	Assembly Tool for Female Threaded Connectors
6&7	CCPZ-MIL	MCTP-VH6-8	MCV-001

Crimp Tool and Crimp Tool Locator are ordered separately. Locators fit into crimp tool and are necessary for proper crimping.

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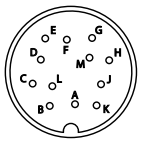
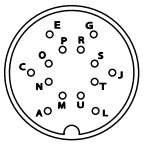


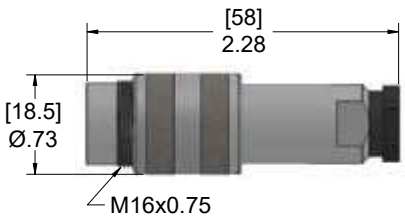
MCL (M16) Series Field Wireable Plugs

12 & 14 Conductor MCL Series Field Wireable Plugs, 24-28AWG

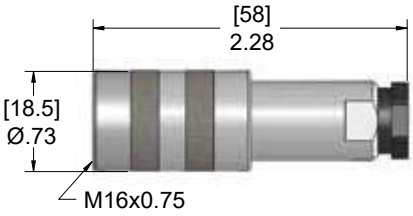
Field Wireable Plugs | Solder Cups | 60 Volt, 3 amps | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plug (Male Threads)	Feamale Plug (Female Threads)
12	 M16 x 0.75	60V 3A	24-28 AWG	4-6 mm	MCL-12MP-FW07	MCL-12FP-FW07
				6-8 mm	MCL-12MP-FW09	MCL-12FP-FW09
14	 M16 x 0.75	60V 3A	24-28 AWG	4-6 mm	MCL-14MP-FW07	MCL-14FP-FW07
				6-8 mm	MCL-14MP-FW09	MCL-14FP-FW09



Male Plug with Male Threads



Female Plug with Female Threads

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Insert:	PBT
Termination:	Solder Cup 24-28 AWG
Temperature:	-30ºC to +95ºC (-22ºF to +203ºF)

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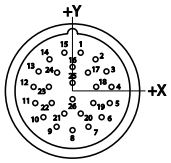
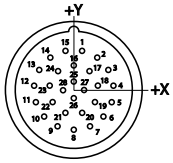
MCX (M27) Series Field Wireable Plugs

26 & 28 Conductor M27 Series Field Wireable Plugs, 18-26AWG

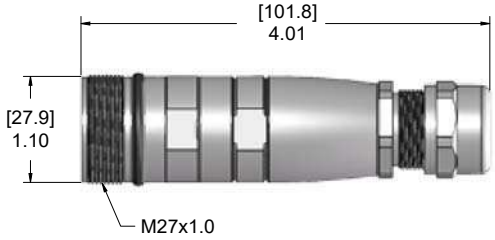


Field Wireable Plugs | Solder Cups | 150 Volt, 1.5 amps Max | IP67 Rating

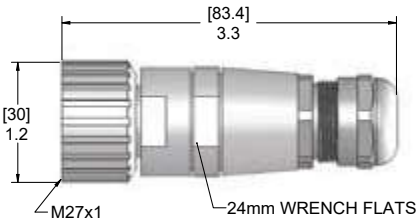


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs (Male Threads)	Female Plug (Female Threads)
26	 M27 x 1	150V 1.5A	18-26 AWG	10-14 mm	MCX-26MPM-FW-SC	MCX-26FP-FW-SC
28	 M27 x 1	150V 1.5A	18-26 AWG	10-14 mm	MCX-28MPM-FW-SC	MCX-28FP-FW-SC

Connection is via solder cup terminal. Voltage and amperage ratings are cable dependent and are based on 150V 18 AWG wire.
Wires with lower voltage ratings and smaller conductors will lower these ratings.



Male Plug with Male Threads

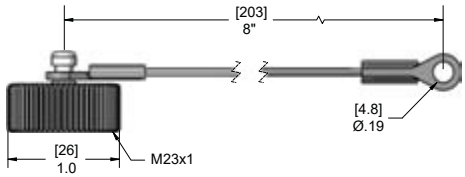
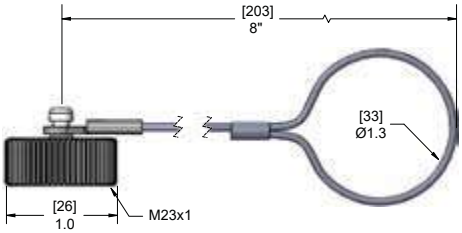
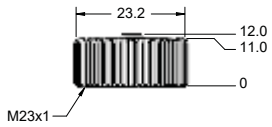


Female Plug with Female Threads

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	FPM
Coupling Nut:	Nickel Plated Brass
Insert:	Polyamide
Termination:	Solder Cup 18-26 AWG
Temperature:	-40°C to +105°C (-40°F to +221°F)

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Metal Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MCV-CAP-LY	Nickel Plated Brass	Female	0.19” (For Use on Cables)
	MCV-CAP-CBLY	Nickel Plated Brass	Female	1.3”
	MCV-CAP-NC	Nickel Plated Brass	Female	N/A

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Crimping Tool		
Body Style	**Part Number**	**Description**
	CCPZ-MIL	The CCPZ-MIL crimping tool conforms to the international standard MIL-C-22520/1. The crimping is performed with 8 pressure points. The tool is equipped with a ratcheting mechanism to insure a complete crimping cycle is performed every time. This tool must be equipped with one of the interchangeable locators according to the series of contacts that are to be crimped. The selector dial on the side of the tool to adjust the crimp depth according to the contact and wire size being crimped.
Go - No Go Gauge		
	CCPNP	The indenting "teeth" on the crimp tool are subject to wear, so it is important to check the calibration of the tool at regular intervals. The CCPNP gauge is a Go - No Go Gauge that is used to make sure the tool is crimping properly. 1. To use the CCPNP, put the CCPZ-MIL selector dial to position 4. 2. Put the crimping tool in a completely closed position. 3. "GO" -- Insert the "GO" (green) end of the CCPNP into the crimp area. The gauge must pass freely between the indenter "teeth". 4. "NO-GO" --Insert the "NO-GO" (red) end of the CCPNP into the crimp area. The gauge must not pass between the indenter "teeth". 5. If the NO-GO end of the gauge passes through the indenter "teeth", the indenters are worn and need to be replaced. Please consult the factory to get the tool repaired.
Assembly Tool		
	MCV-001	MCV-001 is an assembly tool to aid in the assembly of the MCV field wireable connectors that have female couplings. The MCV-001 will hold the connector and prevent it from rotating while the connector backshell is threaded onto the back of the connector.

Locators			
Body Style	**# of Poles**	**Part Number**	**Description**
	MCV 6 & 7	MCTP-V6	The locator is designed to be used with several different contacts within a contact series. The label on the side of the locator will indicate the proper setting for the locator and the crimp tool relative to the contact being crimped.
	MCV 12	MCTP-V12	
	MCV 19	MCTP-V19	
	MCVH 6 & 8	MCTP-VH6-8	

Mencom understand that many customers have a one-time requirement of the MC Series of product and prefer not to purchase tooling to perform the crimping. To help these customers, Mencom has a month to month tool lease program. Please consul the factory for information about this program.



MCV Series Accessories

12, 16, 17 & 19 Conductor MCV Series Accessory Cables

100’ Cables | Raw Cable Spools

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Part Number	
					100’ Cable	Spool
12	Black Numbered Wires #1~11 Green/Yellow #12	18 AWG	300V	Black TPE AWM 9.9mm OD (0.39” OD)	MCVW-12CBLX-C	10KWXB2-*
	Brown***, Brown/White, Blue***, White, Green, Yellow, Gray, Pink, Red, Black, Violet, Green/Yellow***	18 & 22 AWG	300V	Black PUR AWM with Foil Shield 8.1mm OD (0.31” OD)	MCVP-12CBL-C	54KMP01-*
				Black TPE AWM with Foil Shield 8.1mm OD (0.31” OD)	MCVW-12CBL-C	54KMW01-*
16	Black Numbered Wires #1~15 Green/Yellow #16	18 AWG	150V	Black PVC ITC-ER/PLTC-ER AWM 13.5mm OD (0.53” OD)	MCV-16CBLX-C	54PXBN1-*
	White, Brown, Green, Yellow, Gray, Pink, Blue, Red, Black, Violet, Gray/Pink, Red/Blue, White/Green, Brown/Green, White/Yellow, Yellow/Brown	18 AWG	150V	Black PVC ITC-ER/PLTC-ER AWM 12.1mm OD (0.48” OD)	MCV-16CBLX-C-C010	54PXB02-*
17	Black Numbered Wires #1~16 Green/Yellow #17	18 AWG	150V	Black PVC ITC-ER/PLTC-ER AWM 13.5mm OD (0.53” OD)	MCV-17CBLX-C	54PXBN1-*
	White, Brown, Green, Yellow, Gray, Pink, Blue, Red, Black, Violet, Gray/Pink, Red/Blue, White/Green, Brown/Green, White/Yellow, Yellow/Brown, White/Gray	18 AWG	150V	Black PVC AWM 11.2mm OD (0.44” OD)	MCV-17CBLX-C	54PXB01-*
				Black PVC ITC-ER/PLTC-ER AWM 12.1mm OD (0.48” OD)	MCV-17CBLX-C-C010	54PXB02-*
19	Violet, Red, Gray, Red/Blue, Green, Blue, Gray/Pink, White/Green, White/Yellow, White/Gray, Black, Green/Yellow, Yellow/Brown, Brown/Green, White, Yellow, Pink, Gray/Brown, Brown	18 AWG	150V	Black PVC ITC-ER/PLTC-ER AWM 13.6mm OD (0.53” OD)	MCV-19CBLX-C-C010	10RXB02-*
	Violet, Red, Gray, Red/Blue, Green, Blue***, Gray/Pink, White/Green, White/Yellow, White/Gray, Black, Green/Yellow***, Yellow/Brown, Brown/Green, White, Yellow, Pink, Gray/Brown, Brown***	18 & 22 AWG	150V	Black PUR AWM with Foil Shield 9.9mm OD (0.43” OD)	MCVP-19CBL-C	54RMP01-*
				Black TPE AWM 9.4mm OD (0.38” OD)	MCVWF-19CBL-C	54REB01-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

*** Blue, Brown and Green/Yellow wires are 18AWG.

Cable Construction subject to change without notice.

Lengths in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MCV, MCVH, MCX & MCL Series Receptacles

M16, M23 & M27 Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MC□ - □ □□ - □□ - □□ - □□ - □□ - □□

Connector Type

L	=	M16 Series
V	=	M23 Series
VH	=	M23 Power Series
X	=	M27 Series

Number of Conductors

6
7
8
12
14
16
17
19
26
28

Connector Configuration

MR	=	Male Receptacle
FR	=	Female Receptacle
FRF	=	Female Receptacle with Female Thread

Length in Meters

Blank	=	No Wire

Wire AWG

19 Pole

Blank	=	18/22 AWG
18	=	18 AWG

Other Pin Counts

Blank	=	16AWG or 18 AWG

Coupling Nut

Blank	=	Nickel plated brass
SS	=	Stainless Steel

Termination Type

Blank	=	Pre-Wired
SC	=	Solder Cup
CC	=	Crimp Pin
PCB	=	PCB Mount

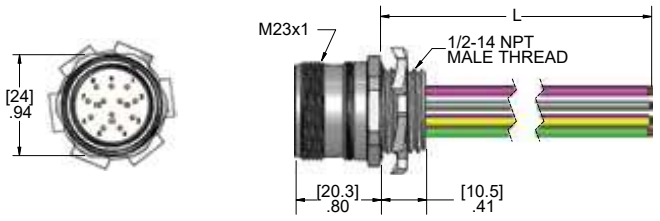
Mounting Style

Blank	=	Front Mount 1/2”-14 NPT
PG13.5	=	Front Mount PG13.5 Threads
PG21	=	Front Mount PG21 Threads
M18	=	Front Mount M18 Threads
M20	=	Front Mount M20 Threads
M20L	=	Front Mount M20 Long Threads
M25	=	Front Mount M25 Threads
M25L	=	Front Mount M25 Long Threads
BM	=	Back Mount
PM27	=	Panel Mount with M2.7 Thru Holes (x4)
PM32	=	Panel Mount with M3.2 Thru Holes (x4)
PM-RT-CC	=	Panel Mount Right Angle Crimp Pins
RM25	=	Rear Mount with M2.5 Tapped Holes (x4)
RM30	=	Rear Mount with M3.0 Tapped Holes (x4)

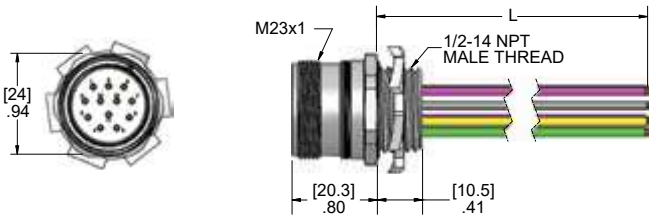
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MCV Front Mount

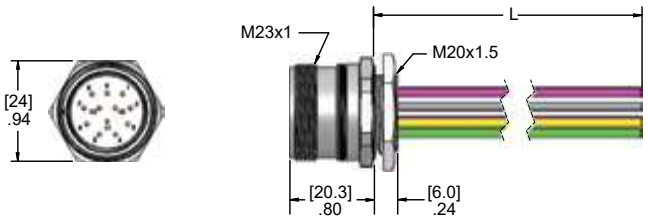
MCV, Front Mount, Male, 1/2”-14NPT Page E-34 ~ E-35



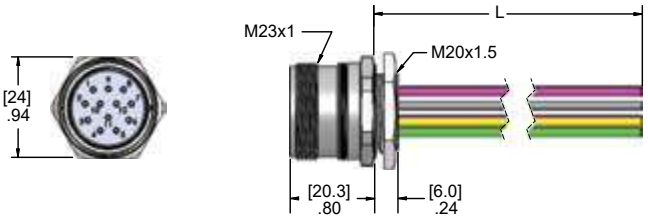
MCV, Front Mount, Female, 1/2”-14NPT Page E-34 ~ E-35



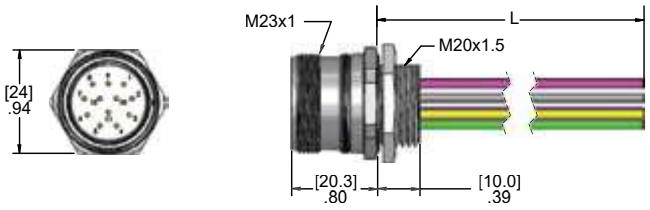
MCV, Front Mount, Male, M20 Threads Page E-34 ~ E-35



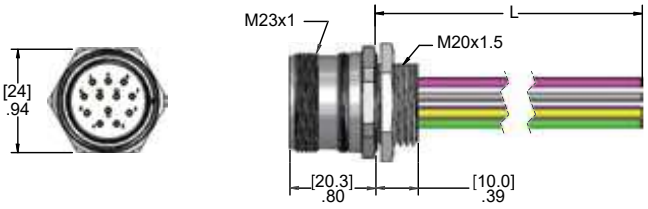
MCV, Front Mount, Female, M20 Threads Page E-34 ~ E-35



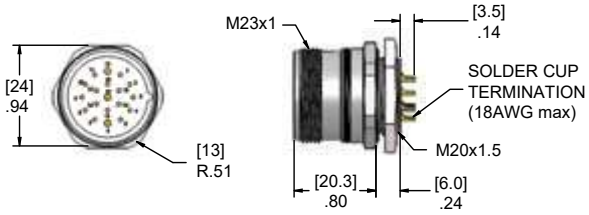
MCV, Front Mount, Male, M20 Long Threads Page E-34 ~ E-35



MCV, Front Mount, Female, M20 Long Threads Page E-34 ~ E-35

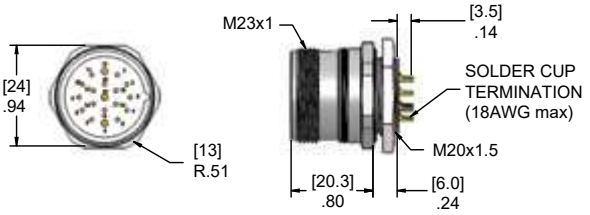


MCV, Front Mount, Male, Solder Cups Page E-42



M20 threads shown - 1/2”-14 NPT threads also available.

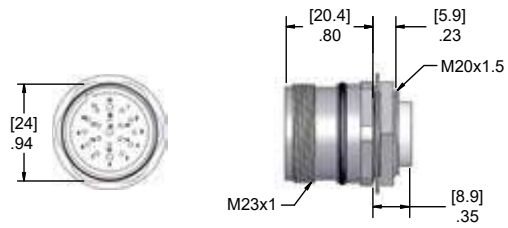
MCV, Front Mount, Female, Solder Cups Page E-42



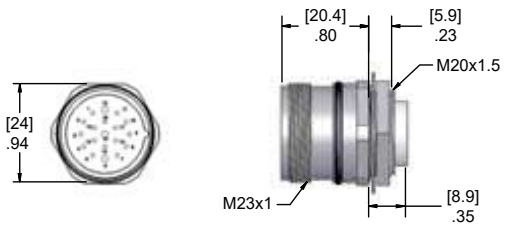
M20 threads shown -1/2”-14 NPT threads also available.

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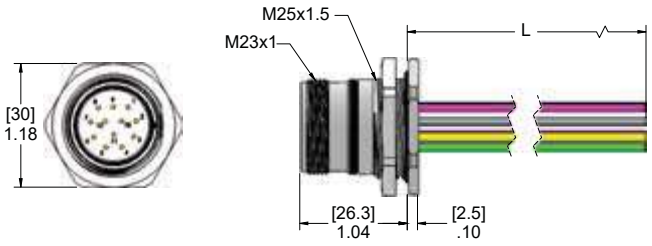
MCV, Front Mount, Male, Crimp Pins Page E-42



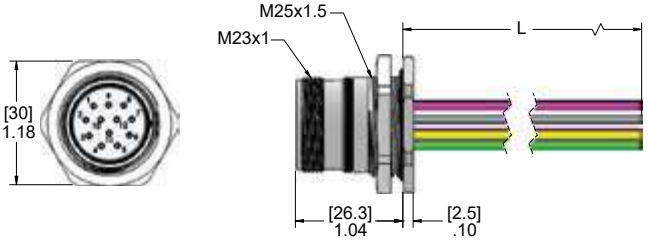
MCV, Front Mount, Female, Crimp Pins Page E-42



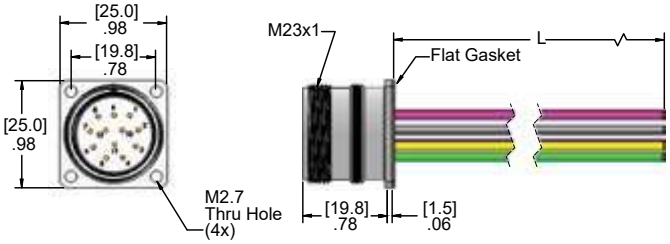
MCV, Back Mount, Male Page E-36 ~ E-37



MCV, Back Mount, Female Page E-36 ~ E-37

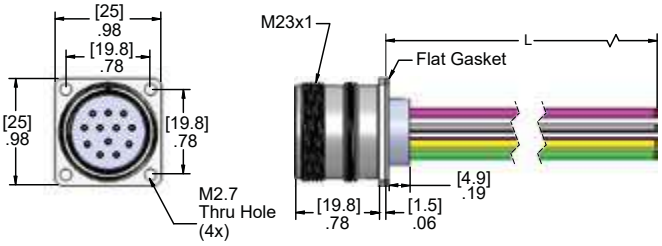


MCV, Panel Mount, Male Page E-38 ~ E-39



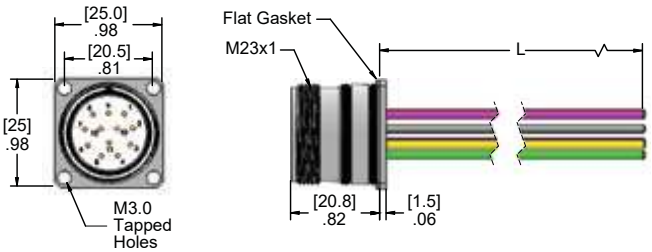
M2.7 Thru Holes shown - M3.2 Thru Holes also available.

MCV, Panel Mount, Female Page E-38 ~ E-39



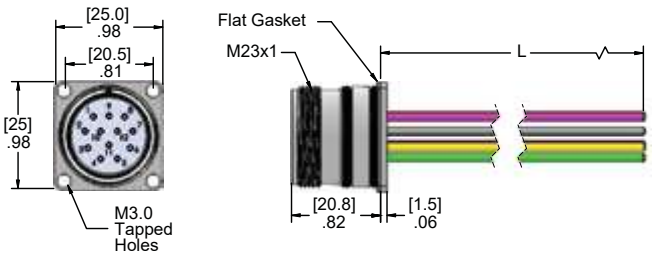
M2.7 Thru Holes shown - M3.2 Thru Holes also available.
Male thread shown - Female thread also available for 6, 7, 12 pole.

MCV, Rear Mount, Male Page E-40 ~ E-41



M3.0 Tapped Holes shown - M2.5 Tapped Holes also available.

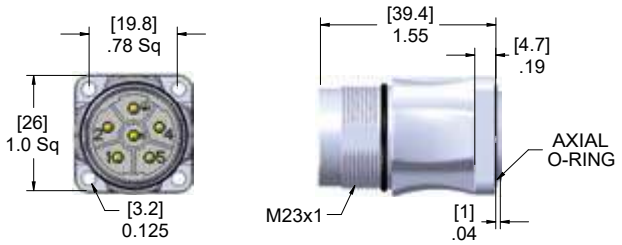
MCV, Rear Mount, Female Page E-40 ~ E-41



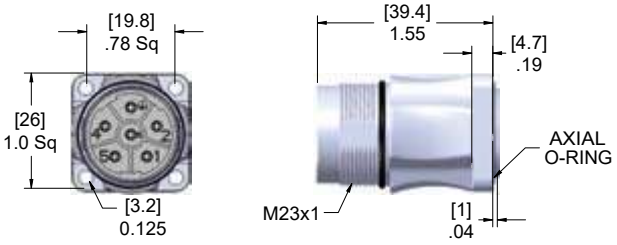
M3.0 Tapped Holes shown - M2.5 Tapped Holes also available.

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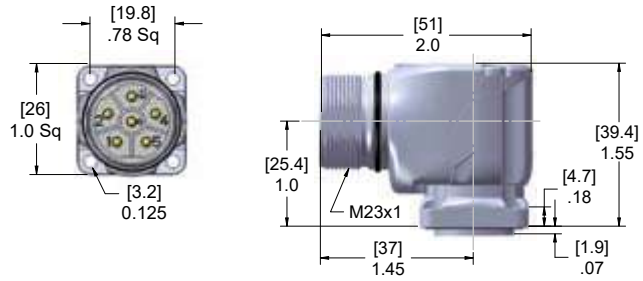
MCVH, Panel Mount, Male, Crimp Pins Page E-43



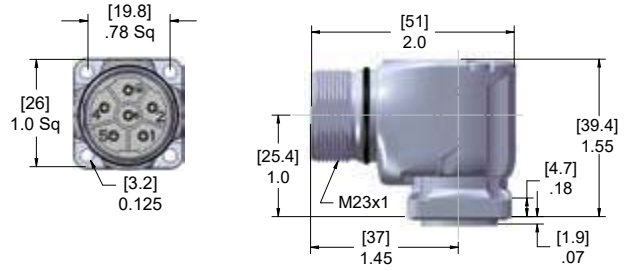
MCVH, Panel Mount, Female, Crimp Pins Page E-43



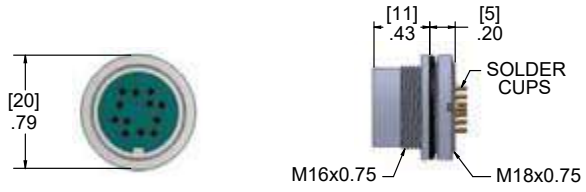
MCVH, Panel Mount, Male, Crimp Pins, Right Angle Page E-43



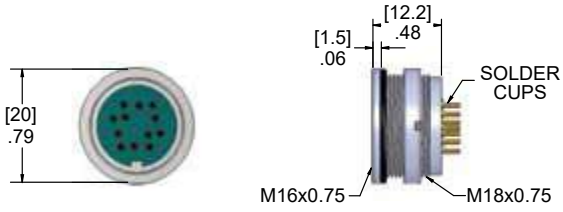
MCVH, Panel Mount, Female, Crimp Pins, Right Angle Page E-43



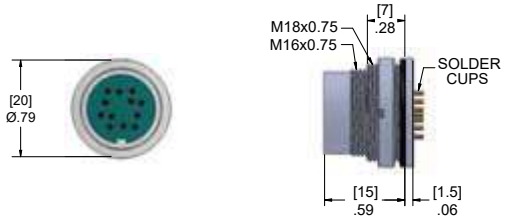
MCL, Front Mount, Male, M18 Threads, Solder Cups Page E-44



MCL, Front Mount, Female, M18 Threads, Solder Cups Page E-44



MCL, Back Mount, Male, Solder Cups Page E-44

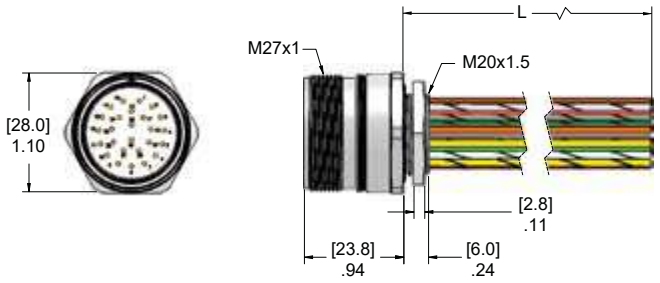


MCL, Back Mount, Female, Solder Cups Page E-44

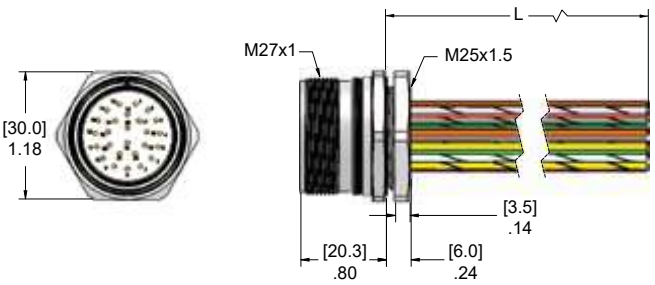


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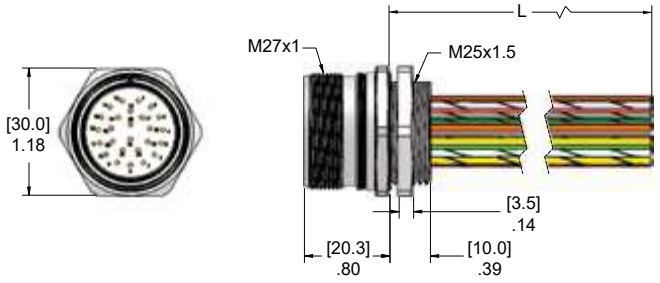
MCX, Front Mount, Male, M20 Threads Page E-45



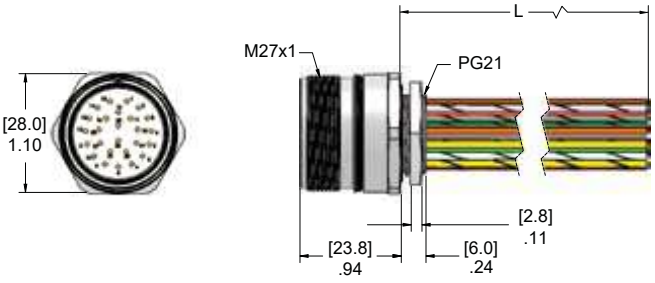
MCX, Front Mount, Male, M25 Threads Page E-45



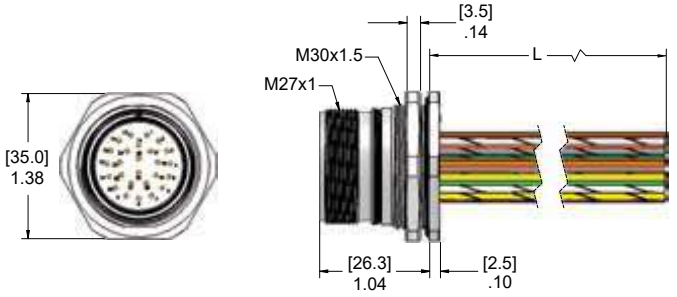
MCX, Front Mount, Male, M25 Long Threads Page E-45



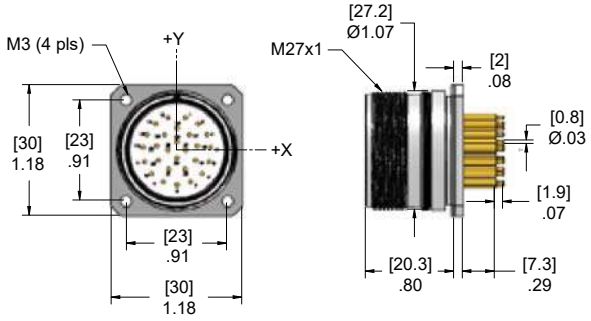
MCX, Front Mount, Male, PG21 Threads Page E-45



MCX, Back Mount, Male Page E-46



MCX, PCB Rear Mount, Male Page E-46



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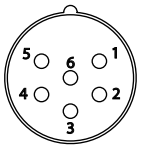
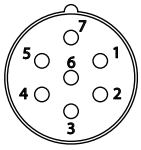
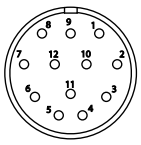


MCV (M23) Series Receptacles

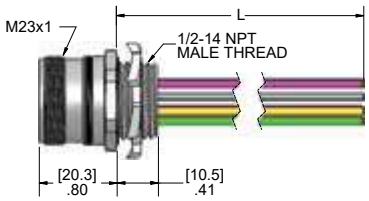
6, 7 & 12 Conductor M23 Series Receptacles, 16/18AWG

Front Mount Receptacles | 1/2”-14 NPT | Metric Threads | IP67 Rating

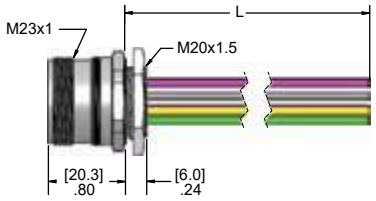
c UL us LISTED — 6 & 7 pole are not UL listed.

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Mounting Threads	Male Receptacles	Female Receptacles
6	 M23 x 1	1. White 4. Orange 2. Red 5. Black 3. Green/Yellow 6. Blue	12 AWG 600V 8A	1/2-14 NPT	MCV-6MR-**	MCV-6FR-**
				M20	MCV-6MR-**-M20	MCV-6FR-**-M20
				M20L	MCV-6MR-**-M20L	MCV-6FR-**-M20L
7	 M23 x 1	1. White/Black 5. Orange 2. Black 6. Blue 3. White 7. Green/Yellow 4. Red	16 AWG 600V 8A	1/2-14 NPT	MCV-7MR-**	MCV-7FR-**
				M20	MCV-7MR-**-M20	MCV-7FR-**-M20
				M20L	MCV-7MR-**-M20L	MCV-7FR-**-M20L
12	 M23 x 1	1. Brown 7. Gray 2. Brown/White 8. Pink 3. Blue 9. Red 4. White 10. Black 5. Green 11. Violet 6. Yellow 12. Green/Yellow	18 AWG 300V 6A	1/2-14 NPT	MCV-12MR-**	MCV-12FR-**
				M20	MCV-12MR-**-M20	MCV-12FR-**-M20
				M20L	MCV-12MR-**-M20L	MCV-12FR-**-M20L

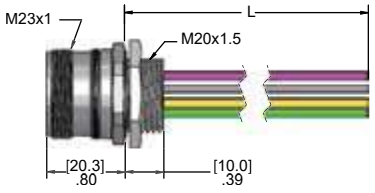
** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Standard shell is nickel plated brass. Stainless steel shell is available in M20 thread only.
For stainless steel coupling nut add a “-SS” suffix. (e.g. MCV-12FR-1M-M20 becomes MCV-12FR-1M-M20-SS)
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MCV-12FR-0.3M becomes MCV-12FR-0.3M-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are inlcuded.



1/2”-14 NPT Thread



M20 Thread



M20 Long Thread

Specifications:

Shell:	Nickel Plated Brass
Insulator:	PBT
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Nickel Plated Brass
Jam Nut:	Zinc Plated Steel
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

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MCV (M23) Series Receptacles

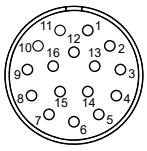
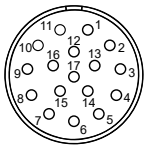
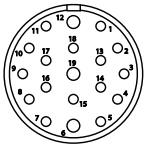
16, 17 & 19 Conductor M23 Series Receptacles, 18/22AWG



Front Mount Receptacles | 1/2”-14 NPT Threads | Metric Threads | IP67 Rating

16 & 17 pole are not UL listed.

c UL us LISTED

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Mounting Threads	Male Receptacles	Female Receptacles
16	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown	18 AWG 150V 5A	1/2-14 NPT	MCV-16MR-**	MCV-16FR-**
				M20	MCV-16MR-**-M20	MCV-16FR-**-M20
				M20L	MCV-16MR-**-M20L	MCV-16FR-**-M20L
17	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	18 AWG 150V 5A	1/2-14 NPT	MCV-17MR-**	MCV-17FR-**
				M20	MCV-17MR-**-M20	MCV-17FR-**-M20
				M20L	MCV-17MR-**-M20L	MCV-17FR-**-M20L
19	 M23 x 1	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	18 AWG 150V 10/1A or 9/2A	1/2-14 NPT	MCV-19MR-**-18	MCV-19FR-**-18
				M20	MCV-19MR-**-18-M20	MCV-19FR-**-18-M20
				M20L	MCV-19MR-**-18-M20L	MCV-19FR-**-18-M20L
			3 x 18 AWG 150V 10A or 9A 16 x 22 AWG 150V 1A or 2A	1/2-14 NPT	MCV-19MR-**	MCV-19FR-**
				M20	MCV-19MR-**-M20	MCV-19FR-**-M20
				M20L	MCV-19MR-**-M20L	MCV-19FR-**-M20L

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

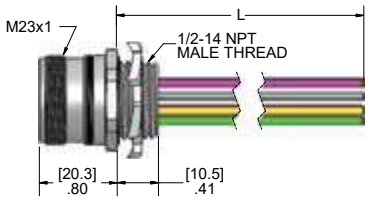
*** Brown, Blue, and Green/Yellow are 18 AWG wires.

Standard shell is nickel plated brass. Stainless steel shell is available in M20 thread only

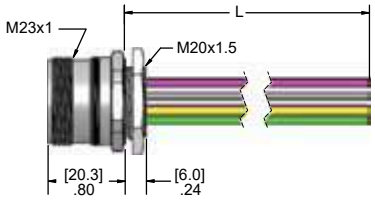
For stainless steel coupling nut add a “-SS” suffix. (e.g. MCV-19FR-1M-M20 becomes MCV-19FR-1M-M20-SS)

For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MCV-19FR-0.3M becomes MCV-19FR-0.3M-G)

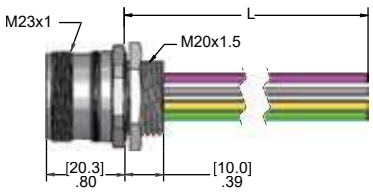
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are inlcuded.



1/2”-14 NPT Thread



M20 Thread



M20 Long Thread

Specifications:

Shell:	Nickel Plated Brass	Lock Nut:	Nickel Plated Brass
Insulator:	PBT	Jam Nut:	Zinc Plated Steel
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 105°C (-40°F to +221°F)
O-Ring:	NBR		

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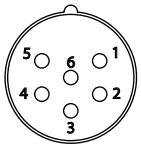
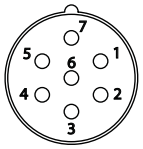
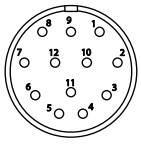
MCV (M23) Series Receptacles

6, 7 & 12 Conductor M23 Series Receptacles, 16/18AWG

Back Mount Receptacles | IP67 Rating

c UL us LISTED

6 & 7 pole are not UL listed.

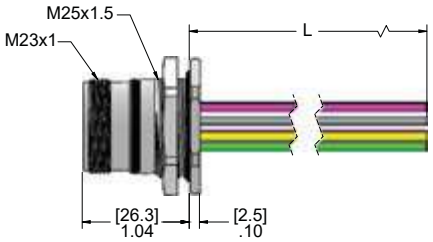
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Male Receptacles	Female Receptacles
6	 M23 x 1	1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	12 AWG 600V 8A	MCV-6MR-**-BM	MCV-6FR-**-BM
7	 M23 x 1	1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	16 AWG 600V 8A	MCV-7MR-**-BM	MCV-7FR-**-BM
12	 M23 x 1	1. Brown 2. Brown/White 3. Blue 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow	18 AWG 300V 6A	MCV-12MR-**-BM	MCV-12FR-**-BM

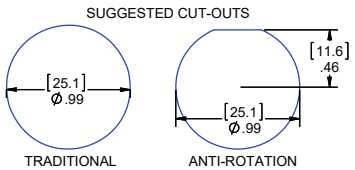
** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Brass
Insulator:	PBT
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)







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MCV (M23) Series Receptacles

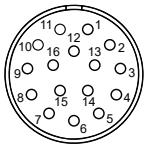
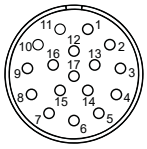
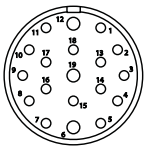
16, 17 & 19 Conductor M23 Series Receptacles, 18/22AWG



Back Mount Receptacles | IP67 Rating

16 & 17 pole are not UL listed.

C UL US LISTED

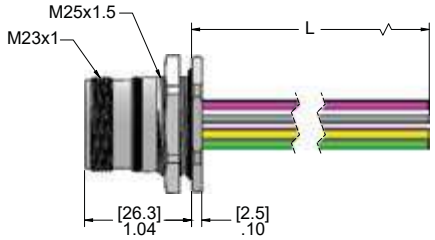
Male Faceview	# of Poles	Color Code	Wire AWG Rating	Male Receptacles	Female Receptacles
 M23 x 1	16	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown	18 AWG 150V 5A	MCV-16MR-**-BM	MCV-16FR-**-BM
 M23 x 1	17	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	18 AWG 150V 5A	MCV-17MR-**-BM	MCV-17FR-**-BM
 M23 x 1	19	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	18 AWG 150V 10/1A or 9/2A	MCV-19MR-**-18-BM	MCV-19FR-**-18-BM
			3 x 18 AWG 150V 10A or 9A 16 x 22 AWG 150V 1A or 2A	MCV-19MR-**-BM	MCV-19FR-**-BM

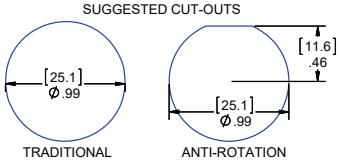
** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
*** Brown, Blue, and Green/Yellow are 18 AWG wires.

Specifications:

Shell:	Nickel Plated Brass
Insulator:	PBT
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)







E

M23 Series

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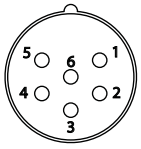
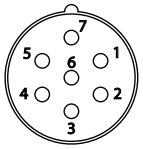
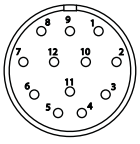


MCV (M23) Series Receptacles

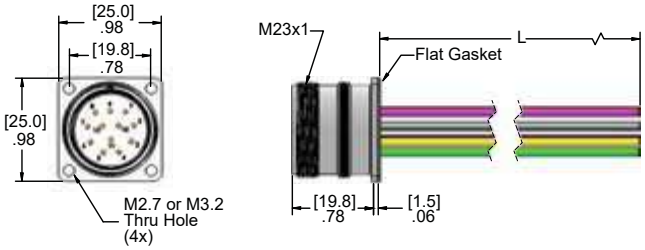
6, 7 & 12 Conductor M23 Series Receptacles, 16/18AWG

Panel Mount Receptacles | M2.7 & M3.2 Thru Hole | IP67 Rating

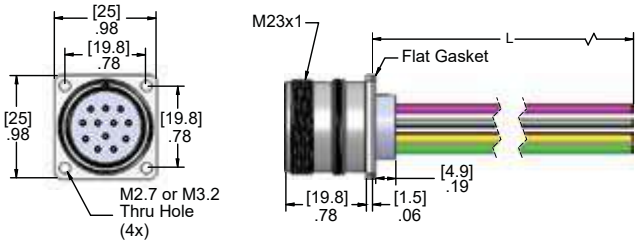
c UL us LISTED — 6 & 7 pole are not UL listed.

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Thru Hole Size	Male Receptacles	Female Receptacles	
						Male Threads	Female Threads
6	 M23 x 1	1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	12 AWG 600V 8A	M2.7	MCV-6MR-**-PM27	MCV-6FR-**-PM27	MCV-6FRF-**-PM27
				M3.2	MCV-6MR-**-PM32	MCV-6FR-**-PM32	MCV-6FRF-**-PM32
7	 M23 x 1	1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	16 AWG 600V 8A	M2.7	MCV-7MR-**-PM27	MCV-7FR-**-PM27	MCV-7FRF-**-PM27
				M3.2	MCV-7MR-**-PM32	MCV-7FR-**-PM32	MCV-7FRF-**-PM32
12	 M23 x 1	1. Brown 2. Brown/White 3. Blue 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow	18 AWG 300V 6A	M2.7	MCV-12MR-**-PM27	MCV-12FR-**-PM27	MCV-12FRF-**-PM27
				M3.2	MCV-12MR-**-PM32	MCV-12FR-**-PM32	MCV-12FRF-**-PM32

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



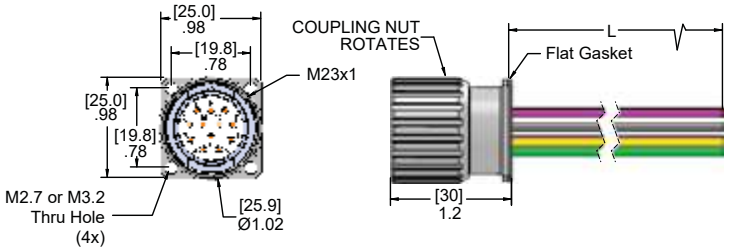
Male Receptacle



Female Receptacle with Male Thread

Specifications:

Shell:	Nickel Plated Brass
Insulator:	PBT
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



Female Receptacle with Female Thread

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MCV (M23) Series Receptacles

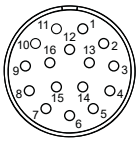
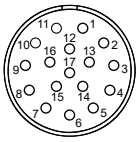
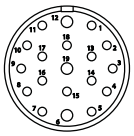
16, 17 & 19 Conductor M23 Series Receptacles, 18/22AWG



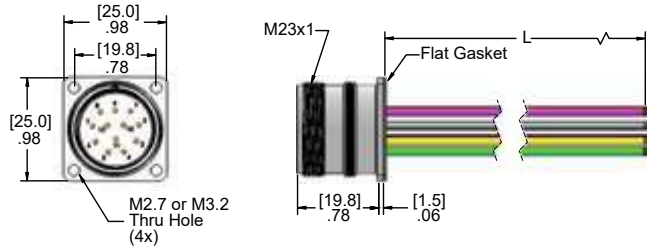
Panel Mount Receptacles | M2.7 & M3.2 Thru Hole | IP67 Rating

16 & 17 pole are not UL listed.

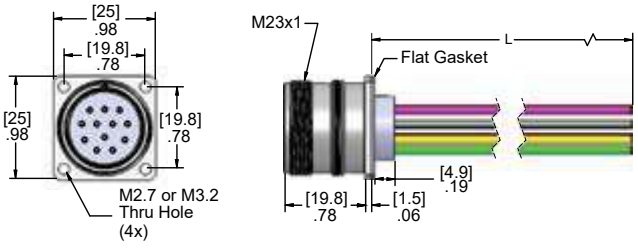
c UL us LISTED

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Thru Hole Size	Male Receptacles	Female Receptacles
16	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown	18 AWG 150V 5A	M2.7	MCV-16MR-**-PM27	MCV-16FR-**-PM27
				M3.2	MCV-16MR-**-PM32	MCV-16FR-**-PM32
17	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	18 AWG 150V 5A	M2.7	MCV-17MR-**-PM27	MCV-17FR-**-PM27
				M3.2	MCV-17MR-**-PM32	MCV-17FR-**-PM32
19	 M23 x 1	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	18 AWG 150V 10/1A or 9/2A	M2.7	MCV-19MR-**-18-PM27	MCV-19FR-**-18-PM27
				M3.2	MCV-19MR-**-18-PM32	MCV-19FR-**-18-PM32
			3 x 18 AWG 150V 10A or 9A	M2.7	MCV-19MR-**-PM27	MCV-19FR-**-PM27
			16 x 22 AWG 150V 1A or 2A	M3.2	MCV-19MR-**-PM32	MCV-19FR-**-PM32

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
*** Brown, Blue, and Green/Yellow are 18 AWG wires.



Male Receptacle



Female Receptacle with Male Thread

Specifications:

Shell:	Nickel Plated Brass	O-Ring:	NBR
Insulator:	PBT	Temperature:	-40°C to 105°C (-40°F to +221°F)
Contacts:	Copper Alloy with Gold Plating		

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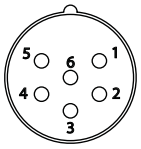
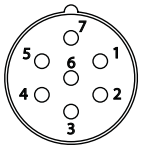
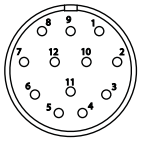


MCV (M23) Series Receptacles

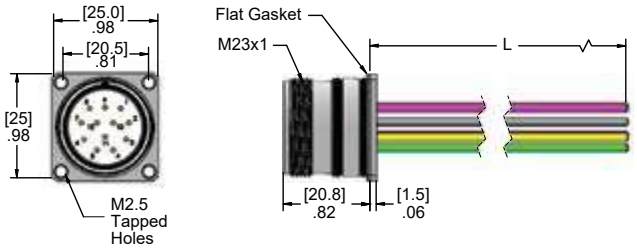
6, 7 & 12 Conductor M23 Series Receptacles, 16/18AWG

Rear Mount Receptacles | M2.5 & M3.0 Tapped Hole | IP67 Rating

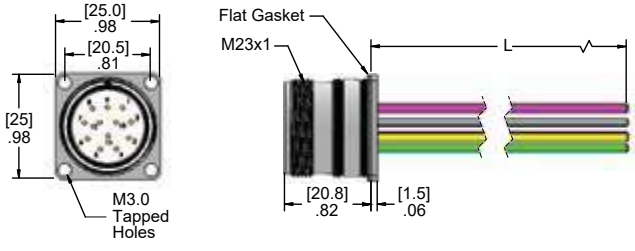
c UL us LISTED — 6 & 7 pole are not UL listed.

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Tapped Hole Size	Male Receptacles	Female Receptacles
6	 M23 x 1	1. White 2. Red 3. Green/Yellow 4. Orange 5. Black 6. Blue	12 AWG 600V 8A	M2.5	MCV-6MR-**-RM25	MCV-6FR-**-RM25
				M3.0	MCV-6MR-**-RM30	MCV-6FR-**-RM30
7	 M23 x 1	1. White/Black 2. Black 3. White 4. Red 5. Orange 6. Blue 7. Green/Yellow	16 AWG 600V 8A	M2.5	MCV-7MR-**-RM25	MCV-7FR-**-RM25
				M3.0	MCV-7MR-**-RM30	MCV-7FR-**-RM30
12	 M23 x 1	1. Brown 2. Brown/White 3. Blue 4. White 5. Green 6. Yellow 7. Gray 8. Pink 9. Red 10. Black 11. Violet 12. Green/Yellow	18 AWG 300V 6A	M2.5	MCV-12MR-**-RM25	MCV-12FR-**-RM25
				M3.0	MCV-12MR-**-RM30	MCV-12FR-**-RM30

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



Male Receptacle



Female Receptacle

Specifications:

Shell:	Nickel Plated Brass
Insulator:	PBT
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

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MCV (M23) Series Receptacles

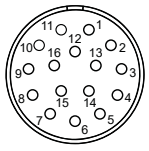
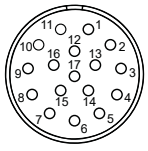
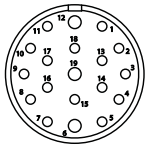
16, 17 & 19 Conductor M23 Series Receptacles, 18/22AWG



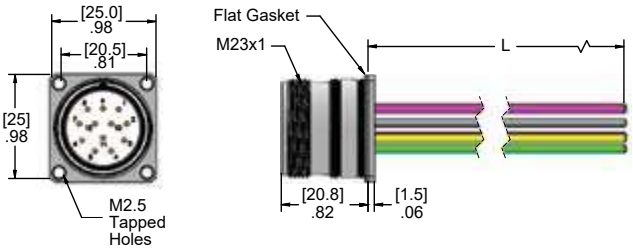
Rear Mount Receptacles | M2.5 & M3.0 Tapped Hole | IP67 Rating

16 & 17 pole are not UL listed.

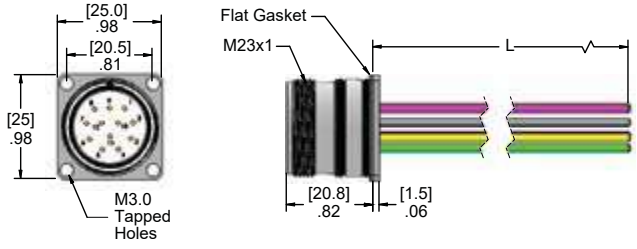
c UL us LISTED

# of Poles	Male Faceview	Color Code	Wire AWG Rating	Tapped Hole Size	Male Receptacles	Female Receptacles
16	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown	18 AWG 150V 5A	M2.5	MCV-16MR-**-RM25	MCV-16FR-**-RM25
				M3.0	MCV-16MR-**-RM30	MCV-16FR-**-RM30
17	 M23 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray	18 AWG 150V 5A	M2.5	MCV-17MR-**-RM25	MCV-17FR-**-RM25
				M3.0	MCV-17MR-**-RM30	MCV-17FR-**-RM30
19	 M23 x 1	1. Violet 2. Red 3. Gray 4. Red/Blue 5. Green 6. Blue*** 7. Gray/Pink 8. White/Green 9. White/Yellow 10. White/Gray 11. Black 12. Green/Yellow*** 13. Yellow/Brown 14. Brown/Green 15. White 16. Yellow 17. Pink 18. Gray/Brown 19. Brown***	18 AWG 150V 10/1A or 9/2A	M2.5	MCV-19MR-**-18-RM25	MCV-19FR-**-18-RM25
				M3.0	MCV-19MR-**-18-RM30	MCV-19FR-**-18-RM30
			3 x 18 AWG 150V 10A or 9A	M2.5	MCV-19MR-**-RM25	MCV-19FR-**-RM25
			16 x 22 AWG 150V 1A or 2A	M3.0	MCV-19MR-**-RM30	MCV-19FR-**-RM30

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
*** Brown, Blue, and Green/Yellow are 18 AWG wires.



Male Receptacle



Female Receptacle

Specifications:

Shell:	Nickel Plated Brass	O-Ring:	NBR
Insulator:	PBT	Temperature:	-40°C to 105°C (-40°F to +221°F)
Contacts:	Copper Alloy with Gold Plating		

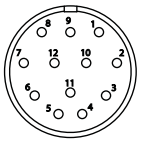
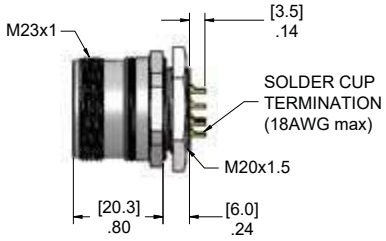
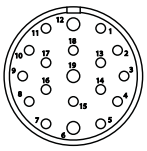
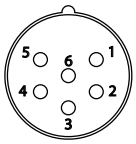
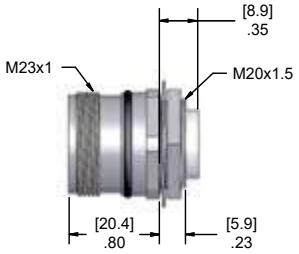
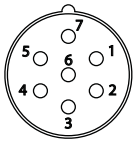
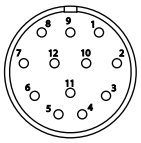
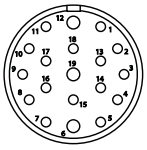
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MCV (M23) Series Receptacles

6, 7, 12 & 19 Conductor M23 Series Receptacles

Front Mount Receptacles | Solder Cups | Crimp Pins | Non-UL | IP67 Rating

# of Poles	Male Faceview	Mounting Threads	Male Receptacles	Female Receptacles	Housing Style
Solder Cups					
12	 M23 x 1	1/2"-14 NPT	MCV-12MR-SC	MCV-12FR-SC	
		M20	MCV-12MR-M20-SC	MCV-12FR-M20-SC	
19	 M23 x 1	1/2"-14 NPT	MCV-19MR-SC	MCV-19FR-SC	
		M20	MCV-19MR-M20-SC	MCV-19FR-M20-SC	
Crimp Pins					
6	 M23 x 1	M20	MCV-6MR-M20-CC	MCV-6FR-M20-CC	
7	 M23 x 1	M20	MCV-7MR-M20-CC	MCV-7FR-M20-CC	
12	 M23 x 1	M20	MCV-12MR-M20-CC	MCV-12FR-M20-CC	
19	 M23 x 1	M20	MCV-19MR-M20-CC	MCV-19FR-M20-CC	

Crimp pins sold separately. See page E-20 ~ E-22 for part numbers.

Specifications:

Shell:	Nickel Plated Brass
Insulator:	105ºC, Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

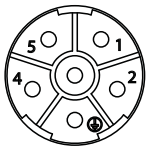
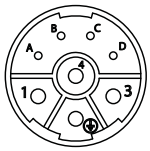
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MCVH (M23) Series Receptacles

6 & 8 Conductor M23 Series Receptacles



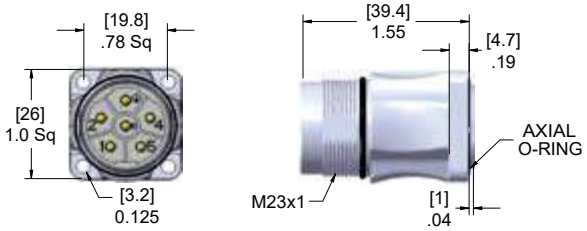
Panel Mount Receptacles | Crimp Pins | IP67 Rating

# of Poles	Male Faceview	Male Receptacles		Female Receptacles	
		Straight	Right Angle	Straight	Right Angle
6	 M23 x 1	MCVH-6MR-PM-CC	MCVH-6MR-PM-RT-CC	MCVH-6FR-PM-CC	MCVH-6FR-PM-RT-CC
8	 M23 x 1	MCVH-8MR-PM-CC	MCVH-8MR-PM-RT-CC	MCVH-8FR-PM-CC	MCVH-8FR-PM-RT-CC

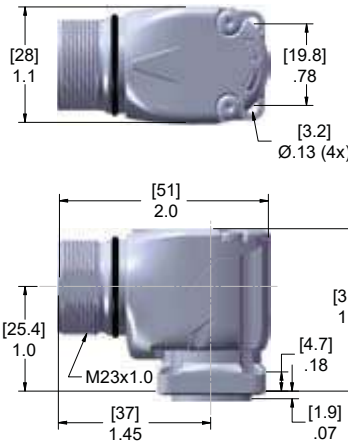
E

M23 Series

Straight



Rotatable Right Angle



Specifications:

Body:	PM-CC: Nickel Plated Brass
	RT-CC: Nickel Plated Zinc
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	FPM
Temperature:	-40°C to +105°C (-40°F to +221°F)

# of Poles	Crimp Pin		Wire AWG	Male Contacts	Female Contacts
6&8* *Pins 1-4 for the 8 Pole	 Female Contact	 Male Contact	12 AWG	MCVH-MR-PIN-12	MCVH-FR-PIN-12
			14-16 AWG	MCVH-MR-PIN-16	MCVH-FR-PIN-16
			20-24 AWG	MCVH-MR-PIN-20	MCVH-FR-PIN-20
8 Pins A-D	 Female Contact	 Male Contact	18-22 AWG	MCVH-8MR-PIN-18	MCVH-8FR-PIN-18
			24-26 AWG	MCVH-8MR-PIN-24	MCVH-8FR-PIN-24

# of Poles	Crimp Tool	Crimp Tool Locator
6&7	CCPZ-MIL	MCTP-VH6-8

Crimp Tool and Crimp Tool Locator are ordered separately. Locators fit into crimp tool and are necessary for proper crimping.

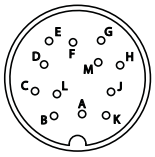
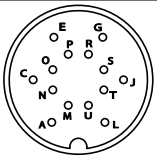
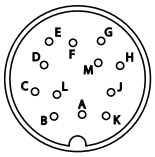
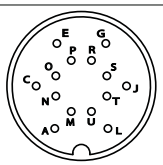
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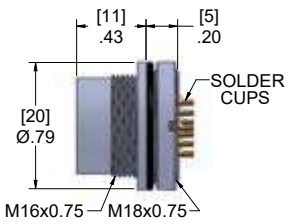
MCL (M16) Series Receptacles

12 &14 Conductor MCL Series Receptacles, 24-28AWG

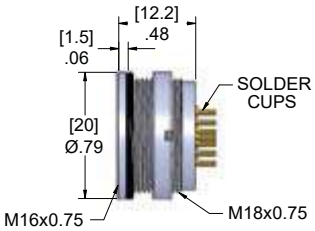
Front & Back Mount | Solder Cup | 60 Volt, 3 amps | Non-UL | IP67 Rating

Solder Cup : Front Mount Version					
# of Poles	**Male Faceview**	**Rating**	**Wire AWG**	**Male Receptacles**	**Female Receptacles**
12	 M16 x 1	60V 3A	24-28 AWG	MCL-12MR-M18-SC	MCL-12FR-M18-SC
14	 M16 x 1	60V 3A	24-28 AWG	MCL-14MR-M18-SC	MCL-14FR-M18-SC
Solder Cup : Back Mount Version					
12	 M16 x 1	60V 3A	24-28 AWG	MCL-12MR-M18-BM-SC	MCL-12FR-M18-BM-SC
14	 M16 x 1	60V 3A	24-28 AWG	MCL-14MR-M18-BM-SC	MCL-14FR-M18-BM-SC

Front Mount

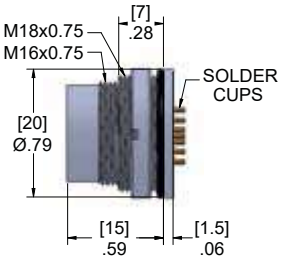


Male Receptacle

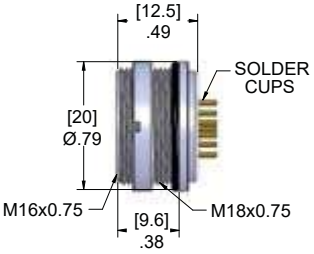


Female Receptacle

Back Mount



Male Receptacle



Female Receptacle

Specifications:

Shell:	Nickel Plated Zinc Diecast
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Insert:	PBT
Temperature:	-30ºC to +85ºC (-22ºF to +185ºF)

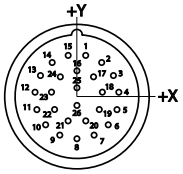
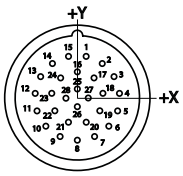
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MCX (M27) Series Receptacles

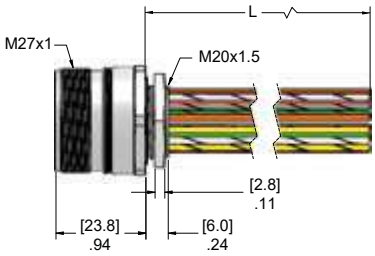
26 & 28 Conductor M27 Series Receptacles



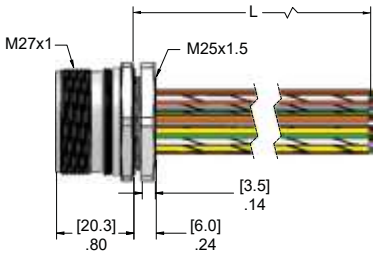
Front Mount | Metric & PG Threads | IP67 Rating

# of Poles	Male Faceview	Color Code	Wire AWG	Mounting Threads	Male Receptacles
26	 M27 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray 18. Gray/Brown 19. White/Pink 20. Pink/Brown 21. White/Blue 22. Brown/Blue 23. White/Red 24. Brown/Red 25. White/Black 26. Green Yellow	22 AWG	M20	MCX-26MR-**-M20
				M25	MCX-26MR-**-M25
				M25L	MCX-26MR-**-M25L
				PG21	MCX-26MR-**-PG21
28	 M27 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray 18. Gray/Brown 19. White/Pink 20. Pink/Brown 21. White/Blue 22. Brown/Blue 23. White/Red 24. Brown/Red 25. White/Black 26. Green Yellow 27. Brown/Black 28. Gray/Green	22 AWG	M20	MCX-28MR-**-M20
				M25	MCX-28MR-**-M25
				M25L	MCX-28MR-**-M25L
				PG21	MCX-28MR-**-PG21

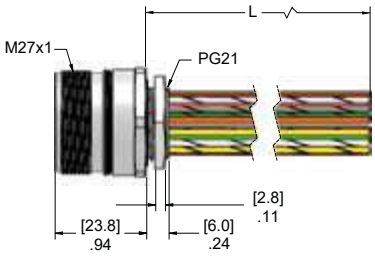
** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



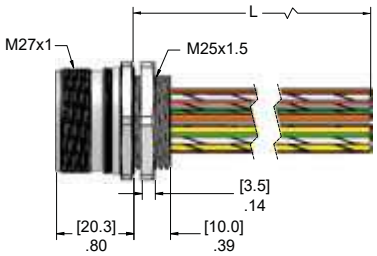
M20 Threads



M25 Threads



PG21 Threads



M25L Threads

Specifications:

Body:	Nickel Plated Brass	O-Ring:	FPM
Contacts:	Copper Alloy with Gold Plating	Jam Nut:	Nickel Plated Brass
Coupling Nut:	Nickel Plated Brass	Temperature:	-40°C to +105°C (-40°F to +221°F)
Insulator:	Polyamide		

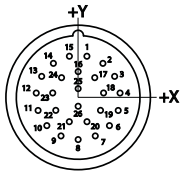
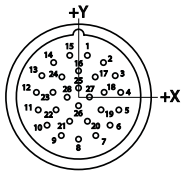
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MCX (M27) Series Receptacles

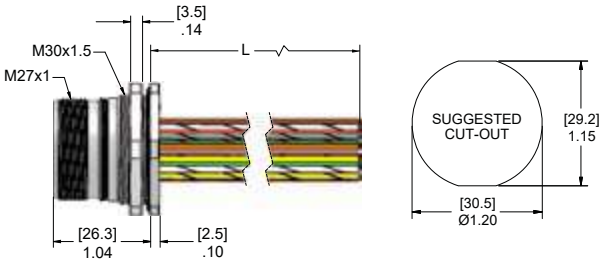
26 & 28 Conductor M27 Series Receptacles

Back Mount | PCB Rear Mount | IP67 Rating

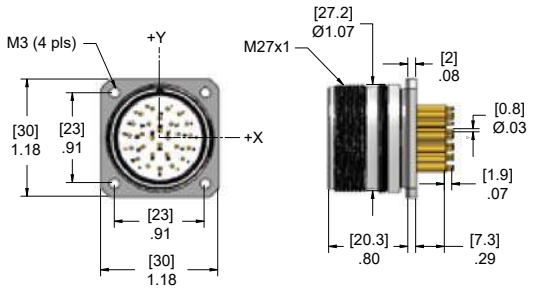
# of Poles	Male Faceview	Color Code	Wire AWG	Termination Type	Male Receptacles
26	 M27 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray 18. Gray/Brown 19. White/Pink 20. Pink/Brown 21. White/Blue 22. Brown/Blue 23. White/Red 24. Brown/Red 25. White/Black 26. Green Yellow	22 AWG	Pre-Wired	MCX-26MR-**-BM
			N/A	PCB	MCX-26MR-PCB-RM30-7.3S
28	 M27 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Black 10. Violet 11. Gray/Pink 12. Red/Blue 13. White/Green 14. Brown/Green 15. White/Yellow 16. Yellow/Brown 17. White/Gray 18. Gray/Brown 19. White/Pink 20. Pink/Brown 21. White/Blue 22. Brown/Blue 23. White/Red 24. Brown/Red 25. White/Black 26. Green Yellow 27. Brown/Black 28. Gray/Green	22 AWG	Pre-Wired	MCX-28MR-**-BM
			N/A	PCB	MCX-28MR-PCB-RM30-7.3S

** Length in meters. 0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

PCB Layout					
Pin #	X	Y	Pin #	X	Y
1	+1.95	+7.47	15	-1.95	+7.47
2	+4.8	+6.06	16	0	+5.03
3	+6.82	+3.65	17	+2.82	+3.6
4	+7.7	+0.6	18	+4.55	+0.97
5	+7.28	-2.53	19	+4.2	-2.13
6	+5.67	-5.2	20	+1.83	-4.17
7	+3.08	-7.08	21	-1.83	-4.17
8	0	-7.73	22	-4.2	-2.13
9	-3.08	-7.08	23	-4.55	+0.97
10	-5.67	-5.2	24	-2.82	+3.6
11	-7.28	-2.53	25	0	+1.88
12	-7.7	+0.6	26	0	-1.6
13	-6.82	+3.65	27	+2.02	+0.14
14	-4.8	+6.05	28	-2.02	+0.14



Back Mount

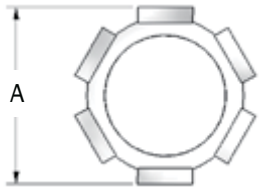


PCB Rear Mount

Specifications:

Body:	Nickel Plated Brass	O-Ring:	FPM
Contacts:	Copper Alloy with Gold Plating	Jam Nut:	Nickel Plated Brass
Coupling Nut:	Nickel Plated Brass	Temperature:	-40°C to +105°C (-40°F to +221°F)
Insulator:	Polyamide		

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Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	221M	PG 21	31.9 mm	3.5 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
	2M25M	M25 x 1.5	30 mm	3.5 mm	Nickel Plated Brass
	2M30M	M30 x 1.5	35 mm	3.5 mm	Nickel Plated Brass
Lock Nut					
	212M	1/2" NPT	28.5 mm	3.3 mm	Zinc Plated Steel

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Notes:

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MIL-SPEC Series

For Harsh Environments, Commercial and Industrial

The original U.S. Department of Defense circular connectors were developed in the 1930s for severe aeronautical and tactical service applications. These early connectors were referred to as “Type AN” (Army-Navy). This series set the standard for modern military circular connectors. Today, these connectors are often called Military Standard, “MIL-STD”, “MIL-SPEC”, “MIL-EQUAL” or “MIL-EQUIV” connectors. They are commonly used in aerospace, industrial, marine, commercial, and automotive applications.

As a result of their acknowledged ruggedness and durability, they have become widely accepted in industrial applications. Mencom has designed, and now offers an Industrial Equivalent, to the MIL-Spec 5015 connector series, in order to meet the strong demand from various industries.

Applications

- Communications systems
- Motorized Conveyors
- Factory automation
- Motion control
- Industrial machinery
- Industrial Instrumentation
- Medical instrumentation
- Mining equipment
- Mobile equipment
- Earth-moving equipment
- Motors
- Robotics
- Sensors
- Ships
- Transportation

5015 Industrial MIL-SPEC Equivalent

Mencom MIL-Spec circular connectors include completely over-molded cord sets and pre-wired & epoxied panel mount receptacles. This plug and play design simplifies the installation for the user and eliminates the risk of incorrectly wiring the connector. The same size connector may offer a choice of contact sizes and arrangements that allow for power, signal, or combinations of both to perfectly fit your application.

The end-user no longer has to assemble the connectors or mess around with soldering, unless they prefer our field installable version. The standard connectors are provided with the familiar North American Color Codes recognized in the industrial market, but customer specific cables and color codes are possible upon request.



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MIL-SPEC Series

5015 Industrial Equivalent, Available in Size 10SL, 14S, 16S and 18

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Cordsets

- Part Number Matrix **F-3**
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- 14S ..... **F-8 ~ F-11**
- 16S ..... **F-12 ~ F-15**
- 18 ..... **F-16 ~ F-21**

Field Wireable Plugs

- 10SL **F-22**
- 14S ..... **F23 ~ F-24**
- 16S **F-25**
- 18 ..... **F-26 ~ F-27**

Receptacles

- Part Number Matrix **F-29**
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- Panel Mount
  - 10SL **F-32**
  - 14S ..... **F-33 ~ F-34**
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  - 18 ..... **F-36 ~ F-37**
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  - 16S **F-41**
  - 18 ..... **F-42 ~ F-43**

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MIL-SPEC Series Cordsets

5015 Industrial Equiv. Cordsets Part Number Matrix

Not all options available with all cables - Please consult factory

MS☐☐ - ☐☐☐ - ☐ - ☐ - ☐

Shell Size

10SL
14S
16S
18

Cable Type

Blank = PVC
M = Foil Shield
B = Braided Shield
P = PUR
W = TPE

Number of Conductors

2
3
4
5
6
7
10

Insert Clocking Position

A
B
C
D

Coupling Nut

Blank = Nickel Plated Aluminum
BA = Black Anodized Aluminum

Cable Color

Blank = Yellow
B = Black

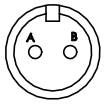
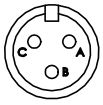
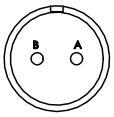
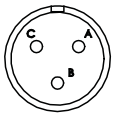
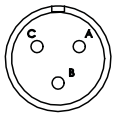
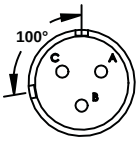
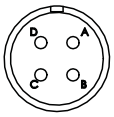
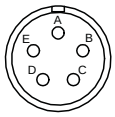
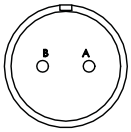
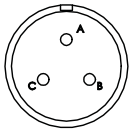
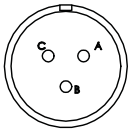
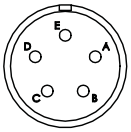
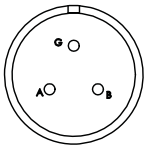
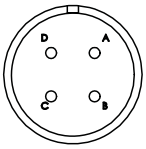
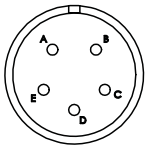
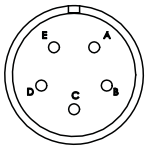
Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

Connector Configuration

MP = Male Plug - 16 awg
FP = Female Plug - 16 awg
MFP = Male / Female Extension - 16 awg
MPX = Male Plug - 18 awg
FPX = Female Plug - 18 awg
MFPX = Male / Female Extension - 18 awg

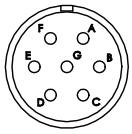
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	2 Pole	3 Pole			4 Pole	5 Pole (5, 5A, 5B)	
Size 10SL: 0.6250”-24NEF							
Male Faceview					N/A	N/A	
Insert Arrangement	10SL-2	10SL-3					
5015 Cross Reference	10SL-4	10SL-3					
Size 14S: 0.8750”-20UNEF							
Male Faceview							
Insert Arrangement	14S-2	14S-3A	14S-3B	14S-3C	14S-4	14S-5	
5015 Cross Reference	14S-9	14S-1	14S-7	14S-12	14S-2	14S-5	
Size 16S: 1.000”-20UNEF							
Male Faceview					N/A		
Insert Arrangement	16S-2	16S-3A		16S-3B		16S-5	
5015 Cross Reference	16S-4	16S-5		16S-6		16S-B	
Size 18: 1.1250-18UNEF							
Male Faceview	N/A						
Insert Arrangement		18-3			18-4	18-5A	18-5B
5015 Cross Reference		18-22			18-4	18-20	18-29

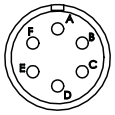
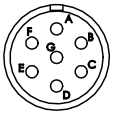
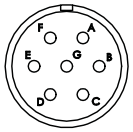
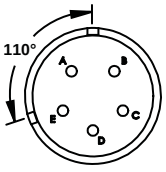
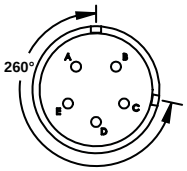
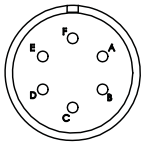
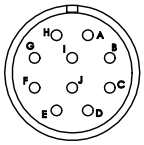
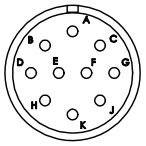
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MIL-SPEC Series Insert Arrangement

MIL-SPEC 5015 Industrial Equiv. Cross Reference



5, 6, 7 & 10 Pole | Contact Size 16

Size 10SL: 0.6250”-24NEF					
	5 Pole (5C, 5D)		6 Pole	7 Pole	10 Pole
Male Faceview	N/A		N/A	N/A	N/A
Insert Arrangement					
5015 Cross Reference					
Size 14S: 0.8750”-20UNEF					
Male Faceview					N/A
Insert Arrangement			14S-6	14S-7	
5015 Cross Reference			14S-6	14S-A7	
Size 16S: 1.000”-20UNEF					
Male Faceview			N/A		N/A
Insert Arrangement				16S-7	
5015 Cross Reference				16S-1	
Size 18: 1.1250-18UNEF					
Male Faceview				N/A		
Insert Arrangement	18-5C	18-5D	18-6		18-10A	18-10B
5015 Cross Reference	18-30	18-31	18-12		18-11	18-19

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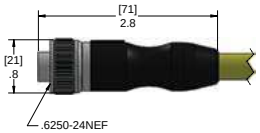
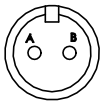
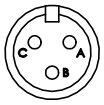
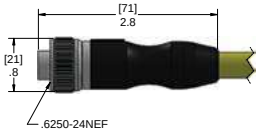


MIL-SPEC Series Cordsets

2 & 3 Conductor 5015 Industrial Equiv. Cordsets, 16AWG

Straight Male Cordsets | Size 10SL | 600 Volt, 13 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS10SL-2MP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +150°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 10SL-2 0.6250"-24NEF
	MS10SL-3MP-** (Yellow) MS10SL-3MP-**-B (Balck)	PVC STOOW 3 X 16 AWG 600V, 13 A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 10SL-3 0.6250"-24NEF
	MS10SLP-3MP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS10SLW-3MP-** (YELLOW) MS10SLW-3MP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS10SL-3MP-1M becomes MS10SL-3MP-1M-BA)

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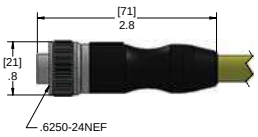
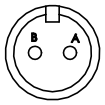
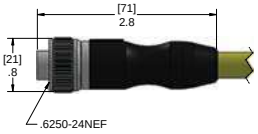
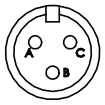
MIL-SPEC Series Cordsets

2 & 3 Conductor 5015 Industrial Equiv. Cordsets, 16AWG



Straight Female Cordsets | Size 10SL | 600 Volt, 13 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS10SL-2FP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +150°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 10SL-2 0.6250"-24NEF
	MS10SL-3FP-** (Yellow) MS10SL-3FP-**-B (Balck)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 10SL-3 0.6250"-24NEF
	MS10SLP-3FP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS10SLW-3FP-** (YELLOW) MS10SLW-3FP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS10SL-3FP-1M becomes MS10SL-3FP-1M-BA)

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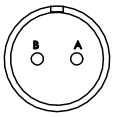
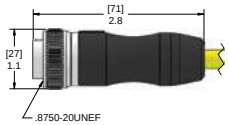
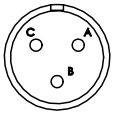
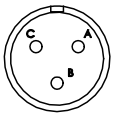
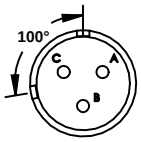
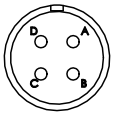


MIL-SPEC Series Cordsets

2, 3 & 4 Conductor 5015 Industrial Equiv. Cordsets, 16AWG

Straight Male Cordsets | Size 14S | 600 Volt, 13/10 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS14S-2MP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +150°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 14S-2 0.8750"-20UNEF
	MS14S-3AMP-** MS14S-3BMP-** MS14S-3CMP-** (Yellow) MS14S-3AMP-**-B MS14S-3BMP-**-B MS14S-3CMP-**-B (Balck)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 14S-3A 0.8750"-20UNEF
	MS14SP-3AMP-** MS14SP-3BMP-** MS14SP-3CMP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		 14S-3B 0.8750"-20UNEF
	MS14SW-3AMP-** MS14SW-3BMP-** MS14SW-3CMP-** (YELLOW) MS14SW-3AMP-**-B MS14SW-3BMP-**-B MS14SW-3VMP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE	North American A. Green/Yellow B. Black C. White	 14S-3C 0.8750"-20UNEF
	MS14S-4MP-** (YELLOW) MS14S-4MP-**-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to 105°C 10.8mm OD	Industry Standard PVC	North American A. Black B. White C. Red D. Green/Yellow	 14S-4 0.8750"-20UNEF
	MS14SM-4MP-**	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to 80°C 10.8mm OD	Industry Standard PVC Foil Shield		
	MS14SW-4MP-**	Yellow TPE SEOOW 4 X 16 AWG 600V, 10A -40°C to 80°C 10.8mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS14S-3MP-1M becomes MS14S-3MP-1M-BA)

Insert clocking, where available, is indicated by placing 'A, B or C' after the pin count in the part number. (e.g. MS14S-3MP-** becomes MS14S-3AMP-**)

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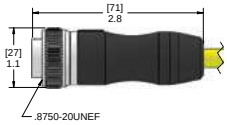
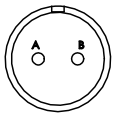
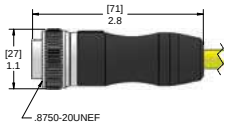
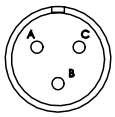
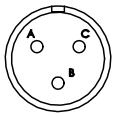
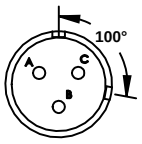
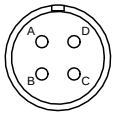
MIL-SPEC Series Cordsets

2, 3 & 4 Conductor 5015 Industrial Equiv. Cordsets, 16AWG



Straight Female Cordsets | Size 14S | 600 Volt, 13/10 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS14S-2FP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to +150°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 14S-2 0.8750"-20UNEF
	MS14S-3AFP-** MS14S-3BFP-** MS14S-3CFP-** (Yellow) MS14S-3AFP-**-B MS14S-3BFP-**-B MS14S-3CFP-**-B (Balck)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 14S-3A 0.8750"-20UNEF
	MS14SP-3AFP-** MS14SP-3BFP-** MS14SP-3CFP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		 14S-3B 0.8750"-20UNEF
	MS14SW-3AFP-** MS14SW-3BFP-** MS14SW-3CFP-** (YELLOW) MS14SW-3AFP-**-B MS14SW-3BFP-**-B MS14SW-3CFP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE	North American A. Green/Yellow B. Black C. White	 14S-3C 0.8750"-20UNEF
	MS14S-4FP-** (YELLOW) MS14S-4FP-**-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to 105°C 10.8mm OD	Industry Standard PVC	North American A. Black B. White C. Red D. Green/Yellow	 14S-4 0.8750"-20UNEF
	MS14SM-4FP-**	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to 80°C 10.8mm OD	Industry Standard PVC Foil Shield		
	MS14SW-4FP-**	Yellow TPE SEOOW 4 X 16 AWG 600V, 10A -40°C to 80°C 10.8mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS14S-3FP-1M becomes MS14S-3FP-1M-BA)

Insert clocking, where available, is indicated by placing 'A, B or C' after the pin count in the part number. (e.g. MS14S-3FP-** becomes MS14S-3AFP-**)

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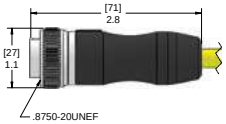
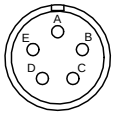
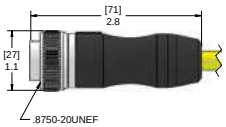
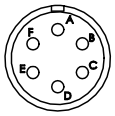
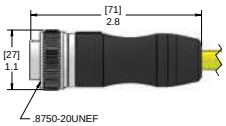
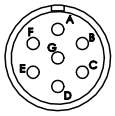


MIL-SPEC Series Cordsets

5, 6 & 7 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG

Straight Male Cordsets | Size 14S | 600V, 8A | 300V, 8A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS14S-5MP-** (Yellow) MS14S-5MP-**-B (Black)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 14S-5 0.8750”-20UNEF
	MS14SM-5MP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MS14SW-5MP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Weld Slag Resistant TPE		
	MS14SP-5MPX-**	Yellow PUR AWM 5 X 18 AWG 300V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS14S-6MP-**	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to 105°C 13.3mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	 14S-6 0.8750”-20UNEF
	MS14S-6MPX-**	Yellow PVC SJTOOW 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC		
	MS14SP-6MPX-**	Yellow PUR AWM 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS14S-7MPX-**	Yellow PVC SJTOOW 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	 14S-7 0.8750”-20UNEF
	MS14SP-7MPX-**	Yellow PUR AWM 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.
Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a “-BA” suffix. (e.g. MS14S-5MP-1M becomes MS14S-5MP-1M-BA)

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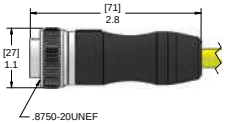
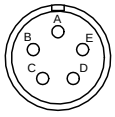
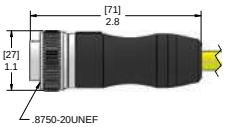
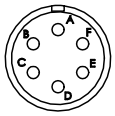
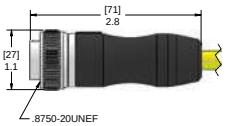
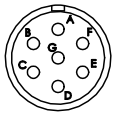
MIL-SPEC Series Cordsets

5, 6 & 7 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG



Straight Female Cordsets | Size 14S | 600V, 8A | 300V, 8A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS14S-5FP-** (Yellow) MS14S-5FP-**-B (Black)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 14S-5 0.8750”-20UNEF
	MS14SM-5FP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MS14SW-5FP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Weld Slag Resistant TPE		
	MS14SP-5FPX-**	Yellow PUR AWM 5 X 18 AWG 300V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS14S-6FP-**	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to 105°C 13.3mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	 14S-6 0.8750”-20UNEF
	MS14S-6FPX-**	Yellow PVC SJTOOW 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC		
	MS14SP-6FPX-**	Yellow PUR AWM 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS14S-7FPX-**	Yellow PVC SJTOOW 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	 14S-7 0.8750”-20UNEF
	MS14SP-7FPX-**	Yellow PUR AWM 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.
Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a “-BA” suffix. (e.g. MS14S-5FP-1M becomes MS14S-5FP-1M-BA)

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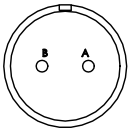
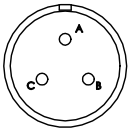
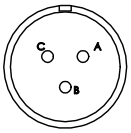


MIL-SPEC Series Cordsets

2 & 3 Conductor 5015 Industrial Equiv. Cordsets, 16AWG

Straight Male Cordsets | Size 16S | 600 Volt, 13 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS16S-2MP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to 105°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 16S-2 1.000”-20UNEF
	MS16S-3AMP-** MS16S-3BMP-** (YELLOW) MS16S-3AMP-**-B MS16S-3BMP-**-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 16S-3A 1.000”-20UNEF
	MS16SP-3AMP-** MS16SP-3BMP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS16SW-3AMP-** MS16SW-3BMP-** (YELLOW) MS16SW-3AMP-**-B MS16SW-3BMP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		 16S-3B 1.000”-20UNEF

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a “-BA” suffix. (e.g. MS16S-3MP-1M becomes MS16S-3MP-1M-BA)

Insert clocking, where available, is indicated by placing ‘A or B’ after the pin count in the part number. (e.g. MS16S-3MP-** becomes MS16S-3AMP-**)

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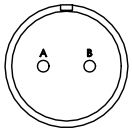
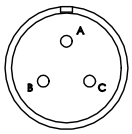
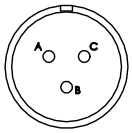
MIL-SPEC Series Cordsets

2 & 3 Conductor 5015 Industrial Equiv. Cordsets, 16AWG



Straight Female Cordsets | Size 16S | 600 Volt, 13 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS16S-2FP-**	Yellow PVC STOOW 2 X 16 AWG 600V, 13A -40°C to 105°C 9.5mm OD	Industry Standard PVC	North American A. White B. Black	 16S-2 1.000"-20UNEF
	MS16S-3AFP-** MS16S-3BFP-** (YELLOW) MS16S-3AFP-**-B MS16S-3BFP-**-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black C. White	 16S-3A 1.000"-20UNEF
	MS16SP-3AFP-** MS16SP-3BFP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS16SW-3AFP-** MS16SW-3BFP-** (YELLOW) MS16SW-3AFP-**-B MS16SW-3BFP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		 16S-3B 1.000"-20UNEF

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS16S-3FP-1M becomes MS16S-3FP-1M-BA)

Insert clocking, where available, is indicated by placing 'A or B' after the pin count in the part number. (e.g. MS16S-3FP-** becomes MS16S-3AFP-**)

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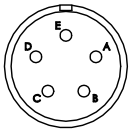
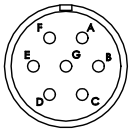


MIL-SPEC Series Cordsets

5 & 7 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG

Straight Male Cordsets | Size 16S | 600V, 8A | 300V, 8A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS16S-5MP-** (YELLOW) MS16S-5MP-**-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 16S-5 1.000"-20UNEF
	MS16SM-5MP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MS16SW-5MP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Weld Slag Resistant TPE		
	MS16SP-5MPX-**	Yellow PUR AWM 5 X 18 AWG 300V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS16S-7MPX-**	Yellow PVC SJTOOW 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	 16S-7 1.000"-20UNEF
	MS16SP-7MPX-**	Yellow PUR AWM 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS16S-5MP-1M becomes MS16S-5MP-1M-BA)

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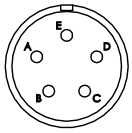
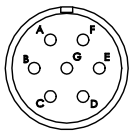
MIL-SPEC Series Cordsets

5 & 7 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG



Straight Female Cordsets | Size 16S | 600V, 8A | 300V, 8A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS16S-5FP-** (YELLOW) MS16S-5FP-**-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 16S-5 1.000”-20UNEF
	MS16SM-5FP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		
	MS16SW-5FP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Weld Slag Resistant TPE		
	MS16SP-5FPX-**	Yellow PUR AWM 5 X 18 AWG 300V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS16S-7FPX-**	Yellow PVC SJTOOW 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	 16S-7 1.000”-20UNEF
	MS16SP-7FPX-**	Yellow PUR AWM 7 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a “-BA” suffix. (e.g. MS16S-5FP-1M becomes MS16S-5FP-1M-BA)

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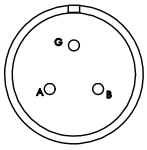
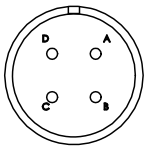


MIL-SPEC Series Cordsets

3 & 4 Conductor 5015 Industrial Equiv. Cordsets, 16AWG

Straight Male Cordsets | Size 18 | 600 Volt, 13/10 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-3MP-** (YELLOW) MS18-3MP-**-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black G. White	 18-3 1.1250-18UNEF
	MS18P-3MP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18W-3MP-** (YELLOW) MS18W-3MP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		
	MS18-4MP-** (YELLOW) MS18-4MP-**-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to 105C 10.8mm OD	Industry Standard PVC	North American A. Black B. White C. Red D. Green/Yellow	 18-4 1.1250-18UNEF
	MS18M-4MP-**	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to 80C 10.8mm OD	Industry Standard PVC Foil Shield		
	MS18W-4MP-**	Yellow TPE SEOOW 4 X 16 AWG 600V, 10A -40°C to 80C 10.8mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-3MP-1M becomes MS18-3MP-1M-BA)

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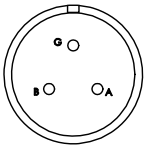
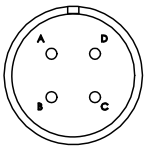
MIL-SPEC Series Cordsets

3 & 4 Conductor 5015 Industrial Equiv. Cordsets, 16AWG



Straight Female Cordsets | Size 18 | 600 Volt, 13/10 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-3FP-** (YELLOW) MS18-3FP-**-B (BLACK)	PVC STOOW 3 X 16 AWG 600V, 13A -40°C to 105°C 10mm OD	Industry Standard PVC	North American A. Green/Yellow B. Black G. White	 18-3 1.1250-18UNEF
	MS18P-3FP-**	Yellow PUR AWM 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18W-3FP-** (YELLOW) MS18W-3FP-**-B (BLACK)	TPE SEOOW 3 X 16 AWG 600V, 13A -40°C to 80°C 10mm OD	Weld Slag Resistant TPE		
	MS18-4FP-** (YELLOW) MS18-4FP-**-B (BLACK)	PVC STOOW 4 X 16 AWG 600V, 10A -40°C to 105C 10.8mm OD	Industry Standard PVC	North American A. Black B. White C. Red D. Green/Yellow	 18-4 1.1250-18UNEF
	MS18M-4FP-**	Yellow PVC STOOW With Foil Shield 4 X 16 AWG 600V, 10A -40°C to 80C 10.8mm OD	Industry Standard PVC Foil Shield		
	MS18W-4FP-**	Yellow TPE SEOOW 4 X 16 AWG 600V, 10A -40°C to 80C 10.8mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-3FP-1M becomes MS18-3FP-1M-BA)

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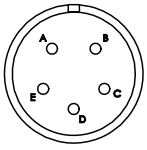
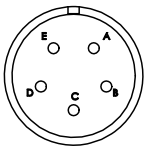
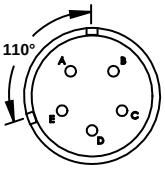
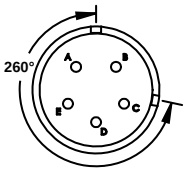


MIL-SPEC Series Cordsets

5 Conductor 5015 Industrial Equiv. Cordsets, 16AWG

Straight Male Cordsets | Size 18 | 600 Volt, 8 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-5AMP-** MS18-5BMP-** MS18-5CMP-** MS18-5DMP-** (YELLOW) MS18-5AMP-**-B MS18-5BMP-**-B MS18-5CMP-**-B MS18-5DMP-**-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 18-5A 1.1250-18UNEF
	MS18M-5AMP-** MS18M-5BMP-** MS18M-5CMP-** MS18M-5DMP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		 18-5B 1.1250-18UNEF
	MS18P-5AMP-** MS18P-5BMP-** MS18P-5CMP-** MS18P-5DMP-**	Yellow PUR AWM 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		 18-5C 1.1250-18UNEF
	MS18W-5AMP-** MS18W-5BMP-** MS18W-5CMP-** MS18W-5DMP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80C 13.1mm OD	Weld Slag Resistant TPE		 18-5D 1.1250-18UNEF

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-5MP-1M becomes MS18-5MP-1M-BA)

Insert clocking, where available, is indicated by placing 'A, B, C or D' after the pin count in the part number. (e.g. MS18S-5MP-** becomes MS18S-5AMP-**)

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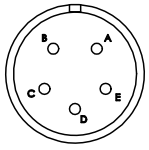
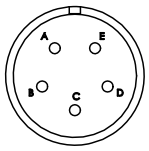
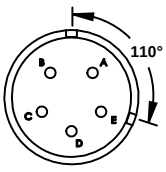
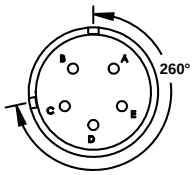
MIL-SPEC Series Cordsets

5 Conductor 5015 Industrial Equiv. Cordsets, 16AWG



Straight Female Cordsets | Size 18 | 600 Volt, 8 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-5AFP-** MS18-5BFP-** MS18-5CFP-** MS18-5DFP-** (YELLOW) MS18-5AFP-**-B MS18-5BFP-**-B MS18-5CFP-**-B MS18-5DFP-**-B (BLACK)	PVC STOOW 5 X 16 AWG 600V, 8A -40°C to 105°C 13.1mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black	 18-5A 1.1250-18UNEF
	MS18M-5AFP-** MS18M-5BFP-** MS18M-5CFP-** MS18M-5DFP-**	Yellow PVC STOOW With Foil Shield 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Industry Standard PVC Foil Shield		 18-5B 1.1250-18UNEF
	MS18P-5AFP-** MS18P-5BFP-** MS18P-5CFP-** MS18P-5DFP-**	Yellow PUR AWM 5 X 16 AWG 600V, 8A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		 18-5C 1.1250-18UNEF
	MS18W-5AFP-** MS18W-5BFP-** MS18W-5CFP-** MS18W-5DFP-**	Yellow TPE SEOOW 5 X 16 AWG 600V, 8A -40°C to 80C 13.1mm OD	Weld Slag Resistant TPE		 18-5D 1.1250-18UNEF

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-5FP-1M becomes MS18-5FP-1M-BA)

Insert clocking, where available, is indicated by placing 'A, B, C or D' after the pin count in the part number. (e.g. MS18S-5FP-** becomes MS18S-5AFP-**)

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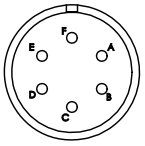
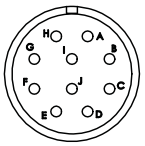
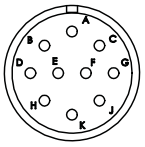


MIL-SPEC Series Cordsets

6 & 10 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG

Straight Male Cordsets | Size 18 | 600V, 8A | 300V, 8/4A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-6MP-**	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to 105°C 13.3mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	 18-6 1.1250-18UNEF
	MS18-6MPX-**	Yellow PVC SJTOOW With Foil Shield 6 X 18 AWG 300V, 5.5A -40°C to 105°C 10.1mm OD	Industry Standard PVC Foil Shield		
	MS18P-6MPX-**	Yellow PUR AWM 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18-10AMPX-**	Yellow PVC SJTOOW 10 X 18 AWG 300V, 4A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow I. Black J. White	 18-10A 1.1250-18UNEF
	MS18P-10AMPX-**	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18-10BMPX-**	Yellow PVC SJTOOW 10 X 18 AWG 300V, 4A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow J. Black K. White	 18-10B 1.1250-18UNEF
	MS18P-10BMPX-**	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-6MP-1M becomes MS18-6MP-1M-BA)

Insert clocking, where available, is indicated by placing 'A or B' after the pin count in the part number. (e.g. MS18S-10MP-** becomes MS18S-10AMP-**)

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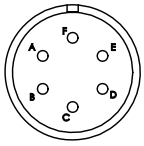
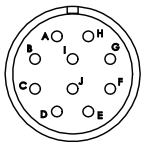
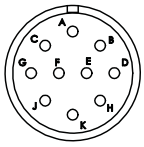
MIL-SPEC Series Cordsets

6 & 10 Conductor 5015 Industrial Equiv. Cordsets, 16/18AWG



Straight Female Cordsets | Size 18 | 600V, 8A | 300V, 8/4A | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MS18-6FP-**	Yellow PVC STOOW 6 X 16 AWG 600V, 8A -40°C to 105°C 13.3mm OD	Industry Standard PVC	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	 18-6 1.1250-18UNEF
	MS18-6FPX-**	Yellow PVC SJTOOW With Foil Shield 6 X 18 AWG 300V, 5.5A -40°C to 105°C 10.1mm OD	Industry Standard PVC Foil Shield		
	MS18P-6FPX-**	Yellow PUR AWM 6 X 18 AWG 300V, 8A -40°C to 105°C 10.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18-10AFPX-**	Yellow PVC SJTOOW 10 X 18 AWG 300V, 4A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow I. Black J. White	 18-10A 1.1250-18UNEF
	MS18P-10AFPX-**	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MS18-10BFPX-**	Yellow PVC SJTOOW 10 X 18 AWG 300V, 4A -40°C to 105°C 10.1mm OD	Industry Standard PVC	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow J. Black K. White	 18-10B 1.1250-18UNEF
	MS18P-10BFPX-**	Yellow PUR AWM 10 X 18 AWG 300V, 4A -40°C to 80°C 13.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated aluminum, for black anodized aluminum coupling nut add a "-BA" suffix. (e.g. MS18-6FP-1M becomes MS18-6FP-1M-BA)

Insert clocking, where available, is indicated by placing 'A or B' after the pin count in the part number. (e.g. MS18S-10FP-** becomes MS18S-10AFP-**)

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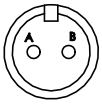
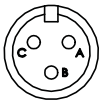


MIL-SPEC Series Field Wireable Plugs

2 & 3 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG

Field Wireable Plugs | Size 10SL | 600 Volt, 13 amps MAX | IP67 Rating



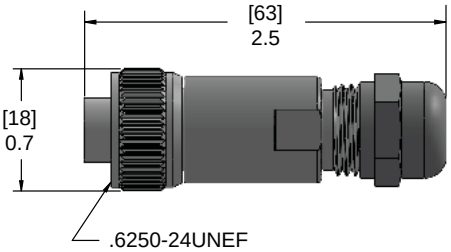
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
2	 10SL-2 0.6250"-24NEF	600V Max 13A Max	16-18 AWG	3-9 mm	MS10SL-2MP-FW16-SC	MS10SL-2FP-FW16-SC
3	 10SL-3 0.6250"-24NEF	600V Max 13A Max	16-18 AWG	3-9 mm	MS10SL-3MP-FW16-SC	MS10SL-3FP-FW16-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Silver Plating
Cable Seal:	CR/NBR & TPE
Coupling Nut:	Nickel Plated Brass
Insert:	PBT
Connections:	Solder Cup Terminals
Temperature:	-40 °C to +105°C (-40°F to +194°F)



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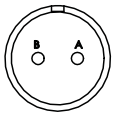
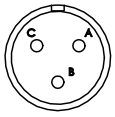
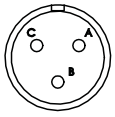
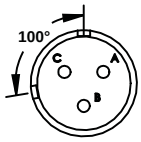
MIL-SPEC Series Field Wireable Plugs

2 & 3 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG



Field Wireable Plugs | Size 14S | 600 Volt, 13 amps MAX | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
2	 14S-2 0.8750"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS14S-2MP-FW20-SC	MS14S-2FP-FW20-SC
3	 14S-3A 0.8750"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS14S-3AMP-FW20-SC	MS14S-3AFP-FW20-SC
	 14S-3B 0.8750"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS14S-3BMP-FW20-SC	MS14S-3BFP-FW20-SC
	 14S-3C 0.8750"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS14S-3CMP-FW20-SC	MS14S-3CFP-FW20-SC

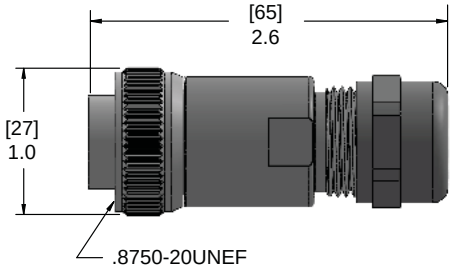
Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Insert clocking, where available, is indicated by placing 'A, B or C' after the pin count in the part number. (e.g. MS14S-3MP-** becomes MS14S-3AMP-**)

Terminaltion made by solder cup.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Silver Plating
Cable Seal:	CR/NBR & TPE
Coupling Nut:	Nickel Plated Brass
Insert:	PBT
Connections:	Solder Cup Terminals
Temperature:	-40 °C to +105°C (-40°F to +194°F)



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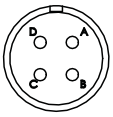
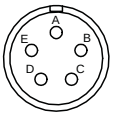
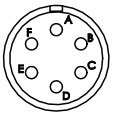
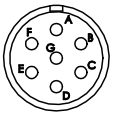


MIL-SPEC Series Field Wireable Plugs

4, 5, 6 & 7 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG

Field Wireable Plugs | Size 14S | 600 Volt, 10/8/5 amps MAX | IP67 Rating



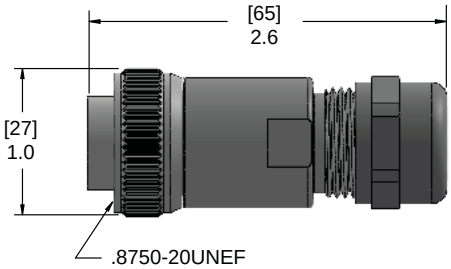
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
4	 14S-4 0.8750"-20UNEF	600V Max 10A Max	16-18 AWG	5-13 mm	MS14S-4MP-FW20-SC	MS14S-4FP-FW20-SC
5	 14S-5 0.8750"-20UNEF	600V Max 8A Max	16-18 AWG	5-13 mm	MS14S-5MP-FW20-SC	MS14S-5FP-FW20-SC
6	 14S-6 0.8750"-20UNEF	600V Max 8A Max	16-18 AWG	5-13 mm	MS14S-6MP-FW20-SC	MS14S-6FP-FW20-SC
7	 14S-7 0.8750"-20UNEF	600V Max 5A Max	16-18 AWG	5-13 mm	MS14S-7MP-FW20-SC	MS14S-7FP-FW20-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Silver Plating
Cable Seal:	CR/NBR & TPE
Coupling Nut:	Nickel Plated Brass
Insert:	PBT
Connections:	Solder Cup Terminals
Temperature:	-40 °C to +105°C (-40°F to +194°F)



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

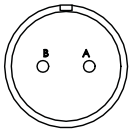
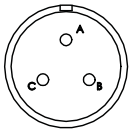
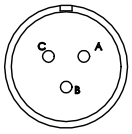
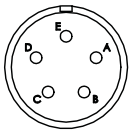
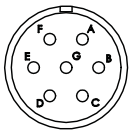
MIL-SPEC Series Field Wireable Plugs

2, 3, 5 & 7 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG



Field Wireable Plugs | Size 16S | 600 Volt, 13/8/5 amps MAX | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
2	 16S-2 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS16S-2MP-FW25-SC	MS16S-2FP-FW25-SC
3	 16S-3A 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS16S-3AMP-FW25-SC	MS16S-3AFP-FW25-SC
	 16S-3B 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	5-13 mm	MS16S-3BMP-FW25-SC	MS16S-3BFP-FW25-SC
5	 16S-5 1.000"-20UNEF	600V Max 8A Max	16-18 AWG	5-13 mm	MS16S-5MP-FW25-SC	MS16S-5FP-FW25-SC
7	 16S-7 1.000"-20UNEF	600V Max 5A Max	16-18 AWG	5-13 mm	MS16S-7MP-FW25-SC	MS16S-7FP-FW25-SC

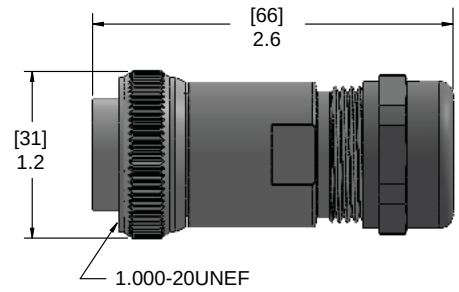
Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Insert clocking, where available, is indicated by placing 'A or B' after the pin count in the part number. (e.g. MS16S-3MP-** becomes MS16S-3AMP-**)

Terminaltion made by solder cup.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Silver Plating
Cable Seal:	CR/NBR & TPE
Coupling Nut:	Nickel Plated Brass
Insert:	PBT
Connections:	Solder Cup Terminals
Temperature:	-40 °C to +105°C (-40°F to +194°F)



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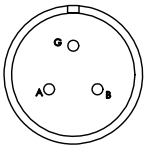
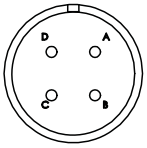
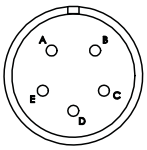
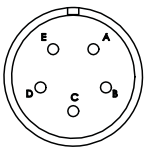
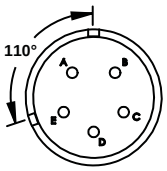
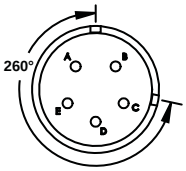


MIL-SPEC Series Field Wireable Plugs

3, 4 & 5 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG

Field Wireable Plugs | Size 18 | 600 Volt, 13/10/8 amps MAX | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
3	 18-3 1.1250-18UNEF	600V Max 13A Max	16-18 AWG	8-16 mm	MS18-3MP-FW25-SC	MS18-3FP-FW25-SC
4	 18-4 1.1250-18UNEF	600V Max 10A Max	16-18 AWG	8-16 mm	MS18-4MP-FW25-SC	MS18-4FP-FW25-SC
5	 18-5A 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	8-16 mm	MS18-5AMP-FW25-SC	MS18-5AFP-FW25-SC
	 18-5B 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	8-16 mm	MS18-5BMP-FW25-SC	MS18-5BFP-FW25-SC
	 18-5C 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	8-16 mm	MS18-5CMP-FW25-SC	MS18-5CFP-FW25-SC
	 18-5D 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	8-16 mm	MS18-5DMP-FW25-SC	MS18-5DFP-FW25-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Insert clocking, where available, is indicated by placing 'A, B, C or D' after the pin count in the part number. (e.g. MS18-5MP-** becomes MS18-5AMP-**)

Terminaltion made by solder cup.

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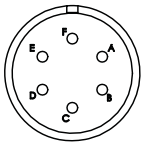
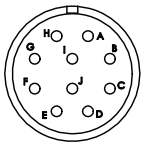
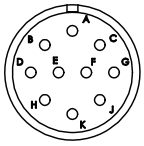
MIL-SPEC Series Field Wireable Plugs

6 & 10 Conductor 5015 Industrial Equiv. Field Wireable Plugs, 16-18AWG



Field Wireable Plugs | Size 18 | 600 Volt, 8/4 amps MAX | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Plugs	Female Plugs
6	 18-6 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	8-16 mm	MS18-6MP-FW25-SC	MS18-6FP-FW25-SC
10	 18-10A 1.1250-18UNEF	600V Max 4A Max	16-18 AWG	8-16 mm	MS18-10AMP-FW25-SC	MS18-10AfP-FW25-SC
	 18-10B 1.1250-18UNEF	600V Max 4A Max	16-18 AWG	8-16 mm	MS18-10BMP-FW25-SC	MS18-10BFP-FW25-SC

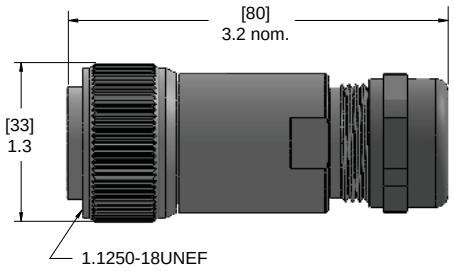
Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Insert clocking, where available, is indicated by placing 'A or B' after the pin count in the part number. (e.g. MS18-10MP-** becomes MS18-10AMP-**)

Terminaltion made by solder cup.

Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Silver Plating
Cable Seal:	CR/NBR & TPE
Coupling Nut:	Nickel Plated Brass
Insert:	PBT
Connections:	Solder Cup Terminals
Temperature:	-40 °C to +105°C (-40°F to +194°F)



F

MIL-SPEC

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Notes:

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MIL-SPEC Series Receptacles

5015 Industrial Equiv. Receptacles Part Number Matrix

Not all options available with all receptacles - Please consult factory

MS ☐ - ☐ ☐ ☐ - ☐ - ☐ - ☐ - ☐

Shell Size

10SL
14S
16S
18

Number of Conductors

2
3
4
5
6
7
10

Insert Clocking Position

A
B
C
D

Connector Configuration

MR = Male Receptacle - 16 awg
FR = Female Receptacle - 16 awg

Length in Meters

Wire AWG

Blank = 16 AWG
18 = 18 AWG
22 = 22 AWG
24 = 24 AWG

Mounting Style

PM = Panel Mount

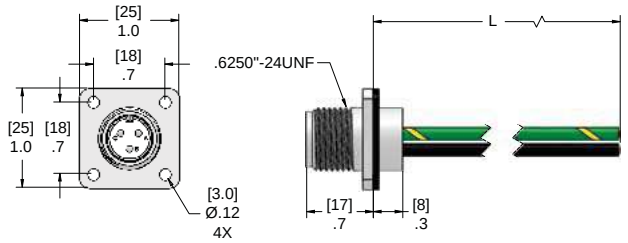
Termination Type

Blank = Pre-Wired
SC = Solder Cup

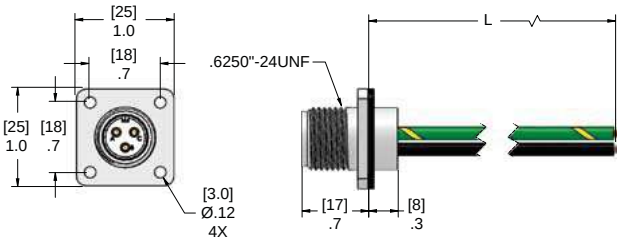
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Panel Mount

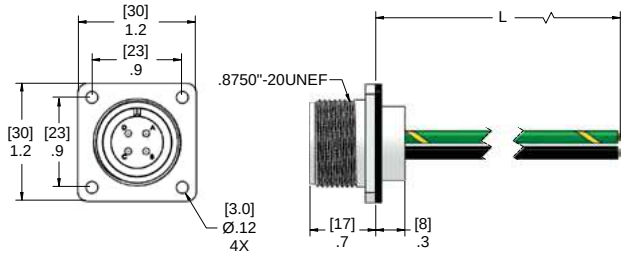
Panel Mount, Male, Size 10SL Page F-32



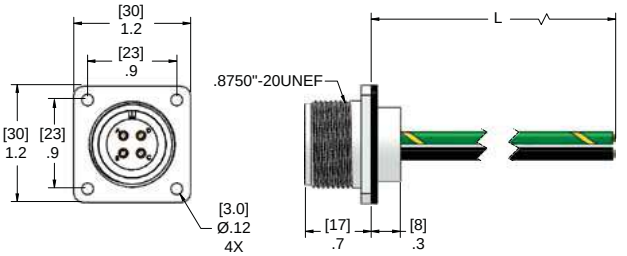
Panel Mount, Female, Size 10SL Page F-32



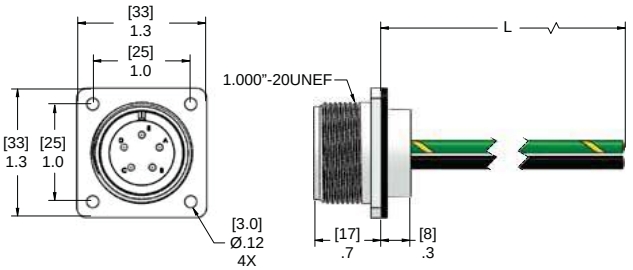
Panel Mount, Male, Size 14S Page F-33 ~ F-34



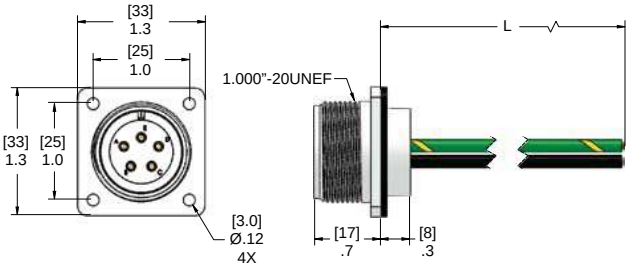
Panel Mount, Female, Size 14S Page F-33 ~ F-34



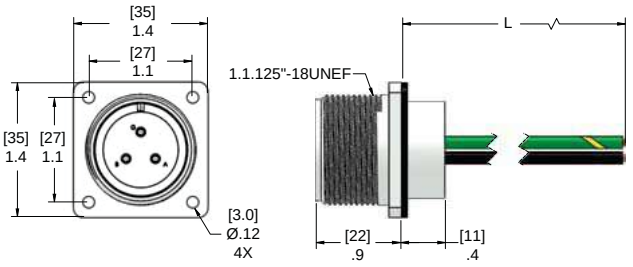
Panel Mount, Male, Size 16S Page F-35



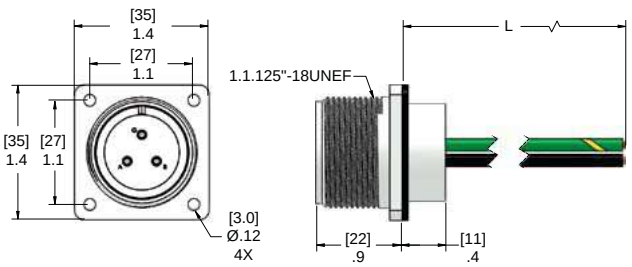
Panel Mount, Female, Size 16S Page F-35



Panel Mount, Male, Size 18 Page F-36 ~ F-37

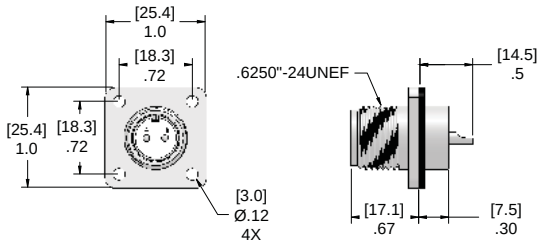


Panel Mount, Female, Size 18 Page F-36 ~ F-37

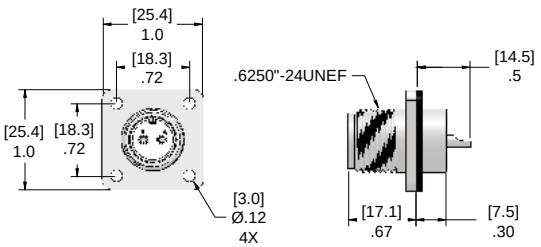


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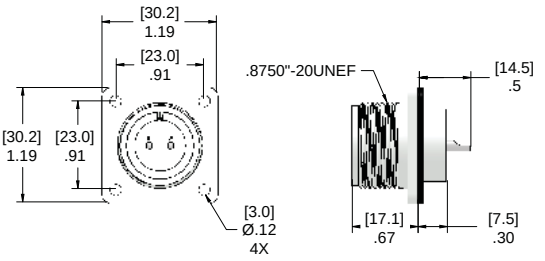
Panel Mount, Male, Size 10SL, Solder Cup Page F-38



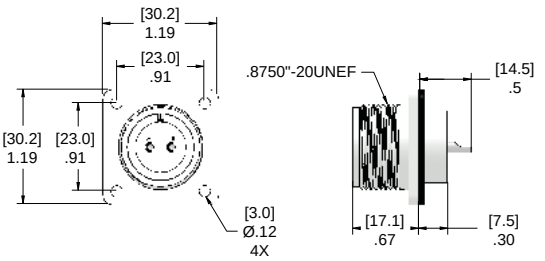
Panel Mount, Female, Size 10SL, Solder Cup Page F-38



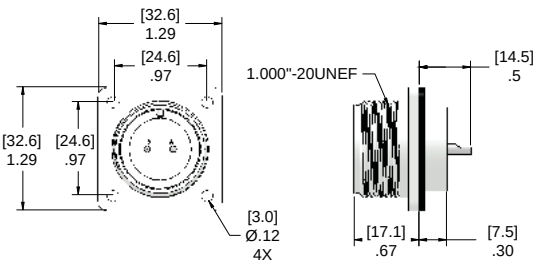
Panel Mount, Male, Size 14S, Solder Cup Page F-39 ~ F-40



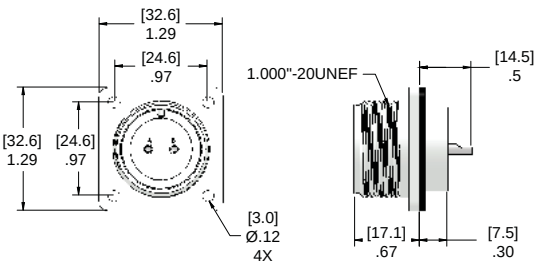
Panel Mount, Female, Size 14S, Solder Cup Page F-39 ~ F-40



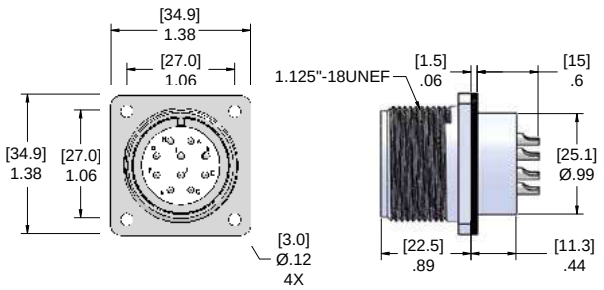
Panel Mount, Male, Size 16S, Solder Cup Page F-41



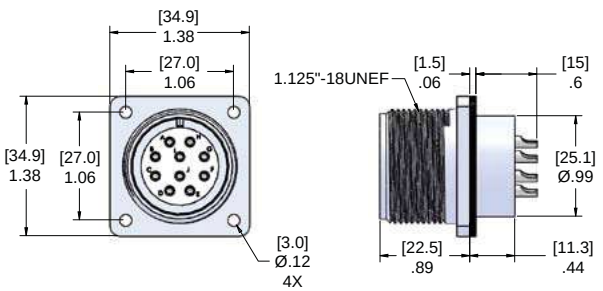
Panel Mount, Female, Size 16S, Solder Cup Page F-41



Panel Mount, Male, Size 18, Solder Cup Page F-42 ~ F-43



Panel Mount, Female, Size 18, Solder Cup Page F-42 ~ F-43



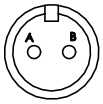
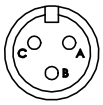
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MIL-SPEC Series Receptacles

2 & 3 Conductor 5015 Industrial Equiv. Receptacles

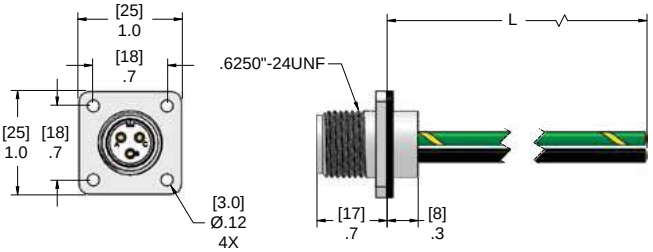
Panel Mount Receptacles | Size 10SL | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 10SL-2 0.6250"-24NEF	North American A. White B. Black	600V 13A	16 AWG	MS10SL-2MR-PM	MS10SL-2FR-PM
			300V 10A	18 AWG	MS10SL-2MR-18-PM	MS10SL-2FR-18-PM
			300V 4A	22 AWG	MS10SL-2MR-22-PM	MS10SL-2FR-22-PM
3	 10SL-3 0.6250"-24NEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS10SL-3MR-PM	MS10SL-3FR-PM
			300V 10A	18 AWG	MS10SL-3MR-18-PM	MS10SL-3FR-18-PM
			300V 4A	22 AWG	MS10SL-3MR-22-PM	MS10SL-3FR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



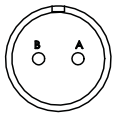
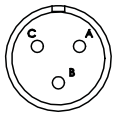
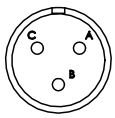
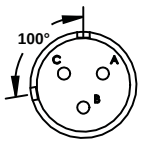
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MIL-SPEC Series Receptacles

2 & 3 Conductor 5015 Industrial Equiv. Receptacles



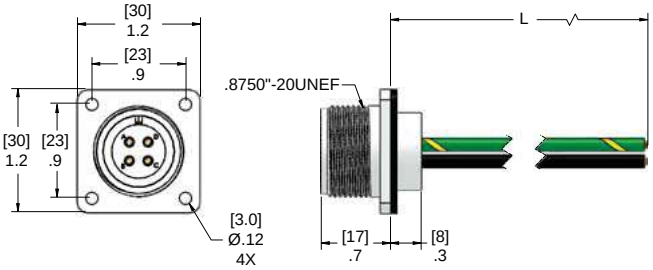
Panel Mount Receptacles | Size 14S | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 14S-2 0.8750"-20UNEF	North American A. White B. Black	600V 13A	16 AWG	MS14S-2MR-PM	MS14S-2FR-PM
			300V 10A	18 AWG	MS14S-2MR-18-PM	MS14S-2FR-18-PM
			300V 4A	22 AWG	MS14S-2MR-22-PM	MS14S-2FR-22-PM
3	 14S-3A 0.8750"-20UNEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS14S-3AMR-PM	MS14S-3AFR-PM
			300V 10A	18 AWG	MS14S-3AMR-18-PM	MS14S-3AFR-18-PM
			300V 4A	22 AWG	MS14S-3AMR-22-PM	MS14S-3AFR-22-PM
	 14S-3B 0.8750"-20UNEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS14S-3BMR-PM	MS14S-3BFR-PM
			300V 10A	18 AWG	MS14S-3BMR-18-PM	MS14S-3BFR-18-PM
			300V 4A	22 AWG	MS14S-3BMR-22-PM	MS14S-3BFR-22-PM
	 14S-3C 0.8750"-20UNEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS14S-3CMR-PM	MS14S-3CFR-PM
			300V 10A	18 AWG	MS14S-3CMR-18-PM	MS14S-3CFR-18-PM
			300V 4A	22 AWG	MS14S-3CMR-22-PM	MS14S-3CFR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



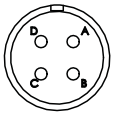
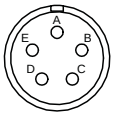
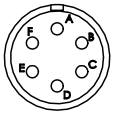
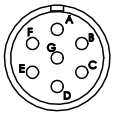
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MIL-SPEC Series Receptacles

4, 5, 6 & 7 Conductor 5015 Industrial Equiv. Receptacles

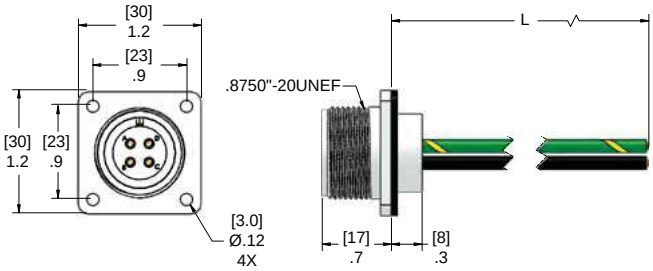
Panel Mount Receptacles | Size 14S | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 14S-4 0.8750"-20UNEF	North American A. Black B. White C. Red D. Green/Yellow	600V 10A	16 AWG	MS14S-4MR-PM	MS14S-4FR-PM
			300V 5.5A	18 AWG	MS14S-4MR-18-PM	MS14S-4FR-18-PM
			300V 4A	22 AWG	MS14S-4MR-22-PM	MS14S-4FR-22-PM
5	 14S-5 0.8750"-20UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS14S-5MR-PM	MS14S-5FR-PM
			300V 8A	18 AWG	MS14S-5MR-18-PM	MS14S-5FR-18-PM
			300V 4A	22 AWG	MS14S-5MR-22-PM	MS14S-5FR-22-PM
6	 14S-6 0.8750"-20UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	600V 8A	16 AWG	MS14S-6MR-PM	MS14S-6FR-PM
			300V 8A	18 AWG	MS14S-6MR-18-PM	MS14S-6FR-18-PM
			300V 4A	22 AWG	MS14S-6MR-22-PM	MS14S-6FR-22-PM
7	 14S-7 0.8750"-20UNEF	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	600V 5A	16 AWG	MS14S-7MR-PM	MS14S-7FR-PM
			300V 8A	18 AWG	MS14S-7MR-18-PM	MS14S-7FR-18-PM
			300V 3A	22 AWG	MS14S-7MR-22-PM	MS14S-7FR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



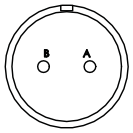
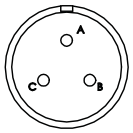
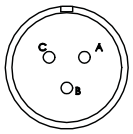
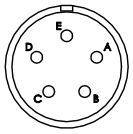
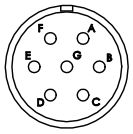
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MIL-SPEC Series Receptacles

2, 3, 5 & 7 Conductor 5015 Industrial Equiv. Receptacles



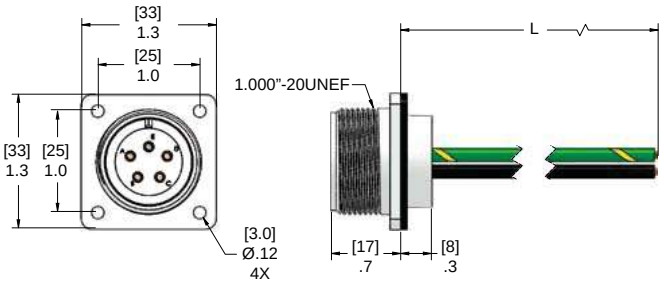
Panel Mount Receptacles | Size 16S | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 16S-2 1.000"-20UNEF	North American A. White B. Black	600V 13A	16 AWG	MS16S-2MR-PM	MS16S-2FR-PM
			300V 10A	18 AWG	MS16S-2MR-18-PM	MS16S-2FR-18-PM
			300V 4A	22 AWG	MS16S-2MR-22-PM	MS16S-2FR-22-PM
3	 16S-3A 1.000"-20UNEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS16S-3AMR-PM	MS16S-3AFR-PM
			300V 10A	18 AWG	MS16S-3AMR-18-PM	MS16S-3AFR-18-PM
			300V 4A	22 AWG	MS16S-3AMR-22-PM	MS16S-3AFR-22-PM
	 16S-3B 1.000"-20UNEF	North American A. Green/Yellow B. Black C. White	600V 10A	16 AWG	MS16S-3BMR-PM	MS16S-3BFR-PM
			300V 10A	18 AWG	MS16S-3BMR-18-PM	MS16S-3BFR-18-PM
			300V 4A	22 AWG	MS16S-3BMR-22-PM	MS16S-3BFR-22-PM
5	 16S-5 1.000"-20UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS16S-5MR-PM	MS16S-5FR-PM
			300V 8A	18 AWG	MS16S-5MR-18-PM	MS16S-5FR-18-PM
			300V 4A	22 AWG	MS16S-5MR-22-PM	MS16S-5FR-22-PM
7	 16S-7 1.000"-20UNEF	North American A. White/Black B. Black C. White D. Red E. Orange F. Blue G. Green/Yellow	600V 5A	16 AWG	MS16S-7MR-PM	MS16S-7FR-PM
			300V 8A	18 AWG	MS16S-7MR-18-PM	MS16S-7FR-18-PM
			300V 3A	22 AWG	MS16S-7MR-22-PM	MS16S-7FR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



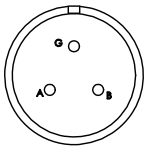
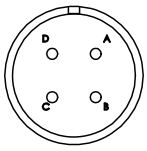
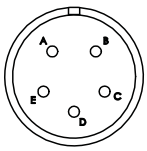
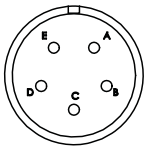
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MIL-SPEC Series Receptacles

3, 4 & 5 Conductor 5015 Industrial Equiv. Receptacles

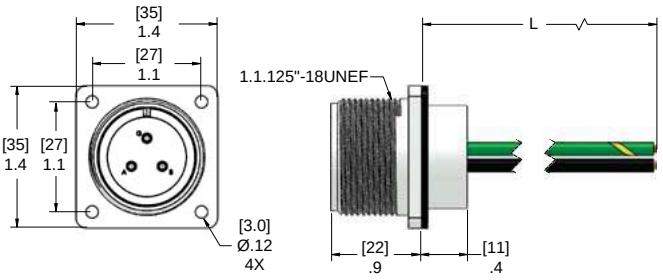
Panel Mount Receptacles | Size 18 | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 18-3 1.1250-18UNEF	North American A. Green/Yellow B. Black C. White	600V 13A	16 AWG	MS18-3MR-PM	MS18-3FR-PM
			300V 10A	18 AWG	MS18-3MR-18-PM	MS18-3FR-18-PM
			300V 4A	22 AWG	MS18-3MR-22-PM	MS18-3FR-22-PM
4	 18-4 1.1250-18UNEF	North American A. Black B. White C. Red D. Green/Yellow	600V 10A	16 AWG	MS18-4MR-PM	MS18-4FR-PM
			300V 5.5A	18 AWG	MS18-4MR-18-PM	MS18-4FR-18-PM
			300V 4A	22 AWG	MS18-4MR-22-PM	MS18-4FR-22-PM
5	 18-5A 1.1250-18UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS18-5AMR-PM	MS18-5AFR-PM
			300V 5.5A	18 AWG	MS18-5AMR-18-PM	MS18-5AFR-18-PM
			300V 4A	22 AWG	MS18-5AMR-22-PM	MS18-5AFR-22-PM
	 18-5B 1.1250-18UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS18-5BMR-PM	MS18-5BFR-PM
			300V 5.5A	18 AWG	MS18-5BMR-18-PM	MS18-5BFR-18-PM
			300V 4A	22 AWG	MS18-5BMR-22-PM	MS18-5BFR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



F

MIL-SPEC

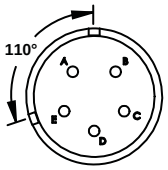
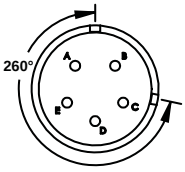
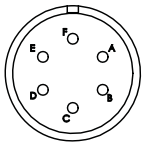
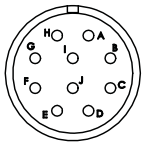
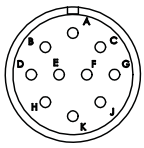
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MIL-SPEC Series Receptacles

5, 6 & 10 Conductor 5015 Industrial Equiv. Receptacles



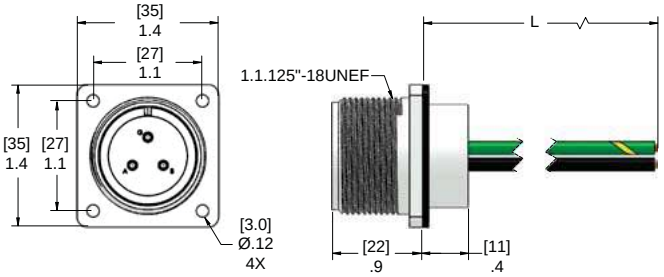
Panel Mount Receptacles | Size 18 | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
5	 18-5C 1.1250-18UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS18-5CMR-PM	MS18-5CFR-PM
			300V 5.5A	18 AWG	MS18-5CMR-18-PM	MS18-5CFR-18-PM
			300V 4A	22 AWG	MS18-5CMR-22-PM	MS18-5CFR-22-PM
	 18-5D 1.1250-18UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black	600V 8A	16 AWG	MS18-5DMR-PM	MS18-5DFR-PM
			300V 5.5A	18 AWG	MS18-5DMR-18-PM	MS18-5DFR-18-PM
			300V 4A	22 AWG	MS18-5DMR-22-PM	MS18-5DFR-22-PM
6	 18-6 1.1250-18UNEF	North American A. White B. Red C. Green/Yellow D. Orange E. Black F. Blue	600V 8A	16 AWG	MS18-6MR-PM	MS18-6FR-PM
			300V 8A	18 AWG	MS18-6MR-18-PM	MS18-6FR-18-PM
			300V 4A	22 AWG	MS18-6MR-22-PM	MS18-6FR-22-PM
10	 18-10A 1.1250-18UNEF	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow I. Black J. White	600V 4A	16 AWG	MS18-10AMR-PM	MS18-10AFR-PM
			300V 4A	18 AWG	MS18-10AMR-18-PM	MS18-10AFR-18-PM
			300V 3A	22 AWG	MS18-10AMR-22-PM	MS18-10AFR-22-PM
	 18-10B 1.1250-18UNEF	North American A. Orange B. Blue C. White/Black D. Red/Black E. Green/Black F. Orange/Black G. Red H. Green/Yellow J. Black K. White	600V 4A	16 AWG	MS18-10BMR-PM	MS18-10BFR-PM
			300V 4A	18 AWG	MS18-10BMR-18-PM	MS18-10BFR-18-PM
			300V 3A	22 AWG	MS18-10BMR-22-PM	MS18-10BFR-22-PM

0.3m leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



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MIL-SPEC

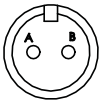
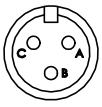
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MIL-SPEC Series Receptacles

2 & 3 Conductor 5015 Industrial Equiv. Receptacles

Panel Mount Receptacles | Size 10SL | Solder Cup | IP67 Rating

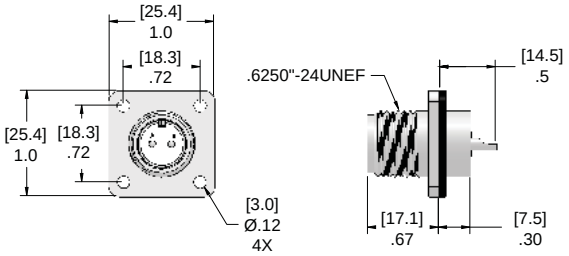
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 10SL-2 0.6250”-24NEF	600V Max 13A Max	16-18 AWG	MS10SL-2MR-PM-SC	MS10SL-2FR-PM-SC
3	 10SL-3 0.6250”-24NEF	600V Max 13A Max	16-18 AWG	MS10SL-3MR-PM-SC	MS10SL-3FR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)



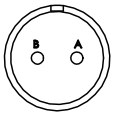
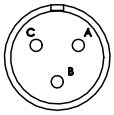
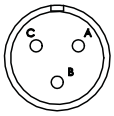
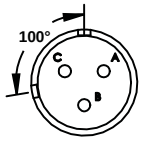
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MIL-SPEC Series Receptacles

2 & 3 Conductor 5015 Industrial Equiv. Receptacles



Panel Mount Receptacles | Size 14S | Solder Cup | IP67 Rating

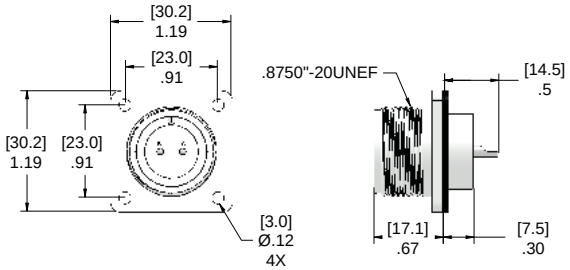
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 14S-2 0.8750”-20UNEF	600V Max 13A Max	16-18 AWG	MS14S-2MR-PM-SC	MS14S-2FR-PM-SC
3	 14S-3A 0.8750”-20UNEF	600V Max 13A Max	16-18 AWG	MS14S-3AMR-PM-SC	MS14S-3AFR-PM-SC
	 14S-3B 0.8750”-20UNEF	600V Max 13A Max	16-18 AWG	MS14S-3BMR-PM-SC	MS14S-3BFR-PM-SC
	 14S-3C 0.8750”-20UNEF	600V Max 13A Max	16-18 AWG	MS14S-3CMR-PM-SC	MS14S-3CFR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



F

MIL-SPEC

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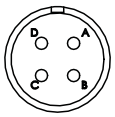
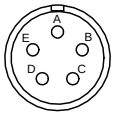
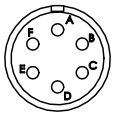
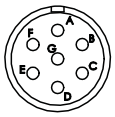


MIL-SPEC Series Receptacles

4, 5, 6 & 7 Conductor 5015 Industrial Equiv. Receptacles

MENCOM CORPORATION

Panel Mount Receptacles | Size 14S | Solder Cup | IP67 Rating

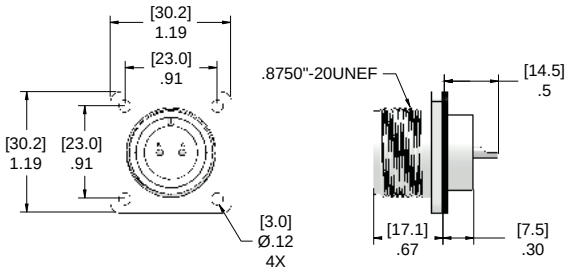
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 14S-4 0.8750”-20UNEF	600V Max 10A Max	16-18 AWG	MS14S-4MR-PM-SC	MS14S-4FR-PM-SC
5	 14S-5 0.8750”-20UNEF	600V Max 8A Max	16-18 AWG	MS14S-5MR-PM-SC	MS14S-5FR-PM-SC
6	 14S-6 0.8750”-20UNEF	600V Max 8A Max	16-18 AWG	MS14S-6MR-PM-SC	MS14S-6FR-PM-SC
7	 14S-7 0.8750”-20UNEF	600V Max 5A Max	16-18 AWG	MS14S-7MR-PM-SC	MS14S-7FR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)



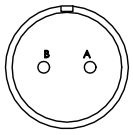
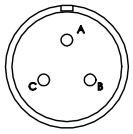
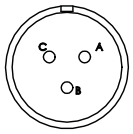
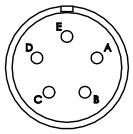
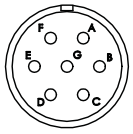
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MIL-SPEC Series Receptacles

2, 3, 5 & 7 Conductor 5015 Industrial Equiv. Receptacles



Panel Mount Receptacles | Size 16S | Solder Cup | IP67 Rating

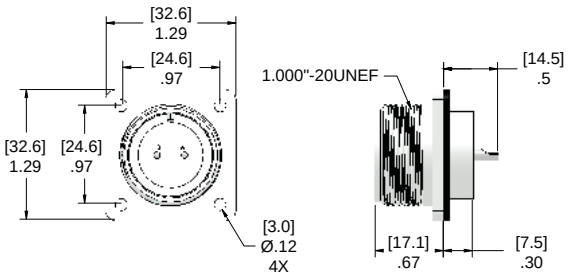
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
2	 16S-2 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	MS16S-2MR-PM-SC	MS16S-3FR-PM-SC
3	 16S-3A 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	MS16S-3AMR-PM-SC	MS16S-3AFR-PM-SC
	 16S-3B 1.000"-20UNEF	600V Max 13A Max	16-18 AWG	MS16S-3BMR-PM-SC	MS16S-3BFR-PM-SC
5	 16S-5 1.000"-20UNEF	600V Max 8A Max	16-18 AWG	MS16S-5MR-PM-SC	MS16S-5FR-PM-SC
7	 16S-7 1.000"-20UNEF	600V Max 5A Max	16-18 AWG	MS16S-7MR-PM-SC	MS16S-7FR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



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MIL-SPEC

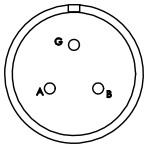
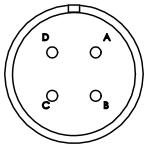
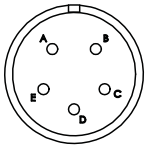
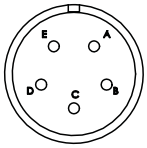
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MIL-SPEC Series Receptacles

3, 4 & 5 Conductor 5015 Industrial Equiv. Receptacles

Panel Mount Receptacles | Size 18 | Solder Cup | IP67 Rating

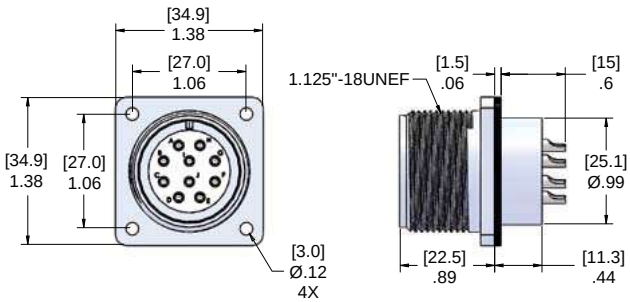
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
3	 18-3 1.1250-18UNEF	600V Max 13A Max	16-18 AWG	MS18-3MR-PM-SC	MS18-3FR-PM-SC
4	 18-4 1.1250-18UNEF	600V Max 10A Max	16-18 AWG	MS18-4MR-PM-SC	MS18-4FR-PM-SC
5	 18-5A 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	MS18-5AMR-PM-SC	MS18-5AFR-PM-SC
	 18-5B 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	MS18-5BMR-PM-SC	MS18-5BFR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)



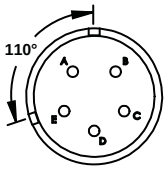
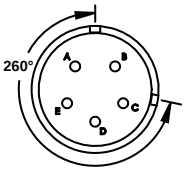
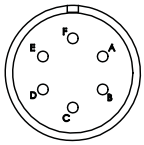
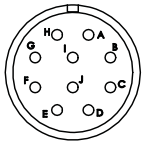
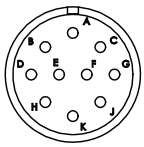
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MIL-SPEC Series Receptacles

5, 6 & 10 Conductor 5015 Industrial Equiv. Receptacles



Panel Mount Receptacles | Size 18 | Solder Cup | IP67 Rating

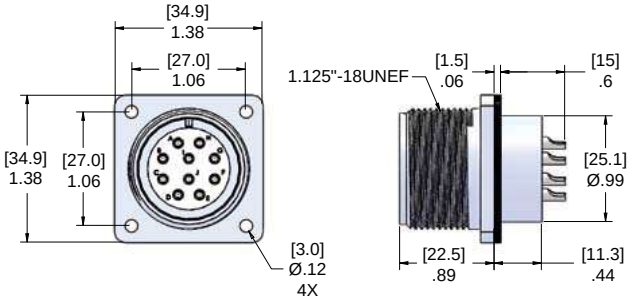
# of Poles	Male Faceview	Rating	Wire AWG	Male Receptacles	Female Receptacles
5	 18-5C 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	MS18-5CMR-PM-SC	MS18-5CFR-PM-SC
	 18-5D 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	MS18-5DMR-PM-SC	MS18-5DFR-PM-SC
6	 18-6 1.1250-18UNEF	600V Max 8A Max	16-18 AWG	MS18-6MR-PM-SC	MS18-6FR-PM-SC
10	 18-10A 1.1250-18UNEF	600V Max 4A Max	16-18 AWG	MS18-10AMR-PM-SC	MS18-10AFR-PM-SC
	 18-10B 1.1250-18UNEF	600V Max 4A Max	16-18 AWG	MS18-10BMR-PM-SC	MS18-10BFR-PM-SC

Voltage and Amperage ratings are cable dependent and are based on 600V 16AWG Cable.

Terminaltion made by solder cup.

Specifications:

Shell:	Nickel Plated Zinc Diecast
Insulator:	PBT
Contacts:	Copper Alloy with Silver Plating
Gasket:	NBR
Insert:	PBT
Temperature:	-40°C to +105°C (-40°F to +221°F)



F

MIL-SPEC

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Notes:

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Micro-AC Series

MAC (1/2”-20) Series, C-coded

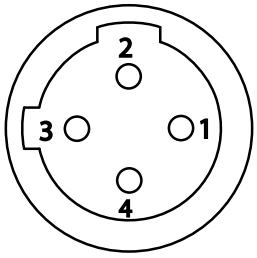
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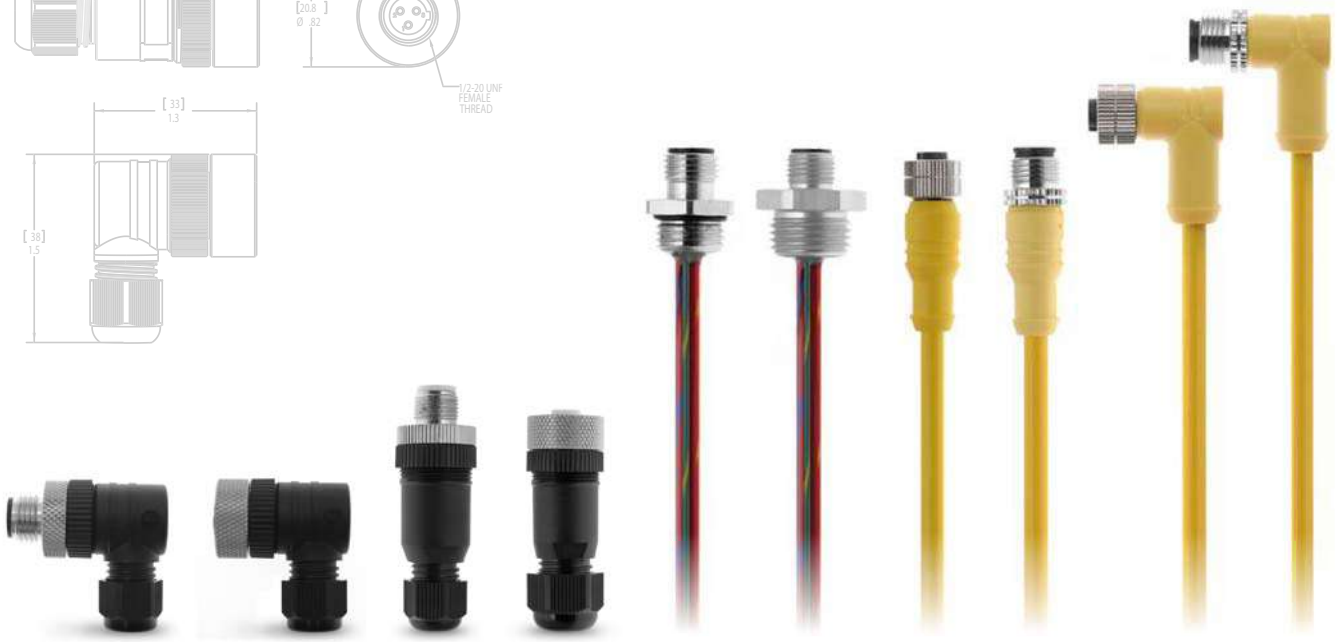
This Micro-AC (MAC) series of connectors provides another option for a compact, reliable, quick disconnect solution. Although similar in size to the Micro-DC (MDC) series, the differing keyways, pin locations, coupling thread, and color code make this connector suitable for safe side by side usage with the MDC product, or stand-alone usage.

MAC : Micro-AC

The MAC products, like the MDC products can be used in both AC and DC applications. The MAC includes a first make last break ground pin along with an industry standard Green/Yellow ground wire. The color code is also typical for an AC wiring schematic. The dual keyway (C-coded), and the 1/2”-20 mating thread are standard for the MAC series.



C-coded



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Micro-AC Series

MAC (1/2”-20) Series, C-coded

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MAC (1/2”-20) Series Cordsets

MAC Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MAC [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Cable Type

Blank = PVC
B = Braided Shield PVC
P = PUR

Number of Conductors

2
3
4
5
6

Armor (See **G-14** for more details)

Blank = No Armor
A01 = SS w/ Cable Inside
A02 = SS w/ Discrete Wires
A02T = SS w/ Teflon Discrete Wires
A03 = PVC Covered SS w/ Cable Inside
A04 = PVC Covered SS w/ Discrete Wires
A50 = Silicone (Stops at Overmold)
A51 = Silicone (Covers Overmold)

Coupling Nut

Blank = Nickel plated brass
SS = Stainless Steel

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight
“X” = Any of the above followed by an X equals 18awg

Cable Color

Blank = Yellow
B = Black

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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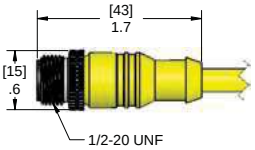
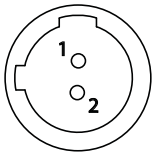
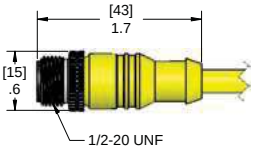
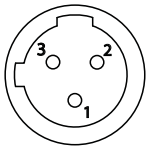
MAC (1/2”-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-2MP-**	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue	 1/2”-20
	MAC-3MPX-** (Yellow) MAC-3MPX-**-B (Black)	PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Green/Yellow 2. Red/Black 3. Red/White	 1/2”-20
	MAC-3MP-**	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-3MP-**	Yellow PVC AWM With Braided Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
	MACP-3MP-**	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-3MPX-1M becomes MAC-3MPX-1M-SS)

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MAC (1/2”-20) Series Cordsets

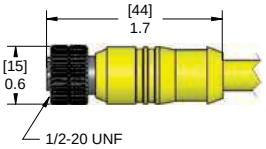
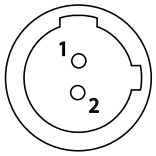
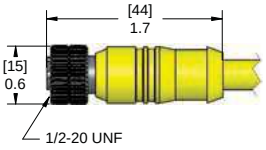
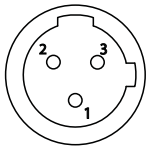
2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-2FP-**	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue	 1/2”-20
	MAC-3FPX-** (Yellow) MAC-3FPX-**-B (Black)	PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Green/Yellow 2. Red/Black 3. Red/White	 1/2”-20
	MAC-3FP-**	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-3FP-**	Yellow PVC AWM With Braided Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
	MACP-3FP-**	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-3FPX-1M becomes MAC-3FPX-1M-SS)

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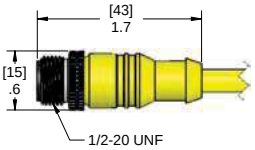
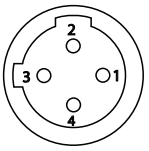
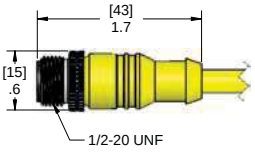
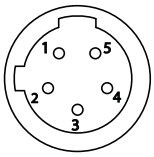
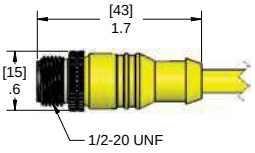
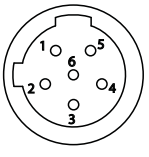
MAC (1/2”-20) Series Cordsets

4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG

Straight Male Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-4MPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	 1/2”-20
	MAC-4MP-** (Yellow) MAC-4MP-**-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-4MP-** (Yellow) MACB-4MP-**-B (Black)	PVC AWM With Braided Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5.6mm OD	Industry Standard PVC Braided Shield		
	MAC-5MP-** (Yellow) MAC-5MP-**-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 1/2”-20
	MACP-5MP-**-B	Black PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MAC-6MP-**	Yellow PVC AWM 6 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	 1/2”-20
	MACB-6MP-**	Yellow PVC AWM With Braided Shield 6 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-4MPX-1M becomes MAC-4MPX-1M-SS)

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MAC (1/2”-20) Series Cordsets

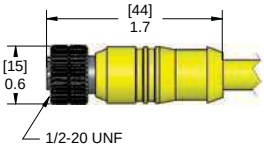
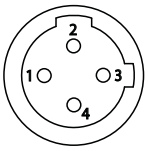
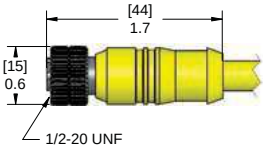
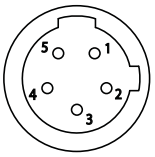
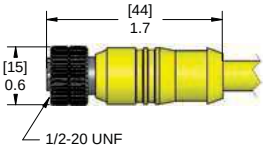
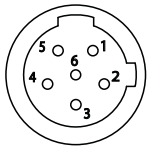
4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-4FPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	 1/2”-20
	MAC-4FP-** (Yellow) MAC-4FP-**-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-4FP-** (Yellow) MACB-4FP-**-B (Black)	PVC AWM With Braided Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5.6mm OD	Industry Standard PVC Braided Shield		
	MAC-5FP-** (Yellow) MAC-5FP-**-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 1/2”-20
	MACP-5FP-**-B	Black PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MAC-6FP-**	Yellow PVC AWM 6 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	 1/2”-20
	MACB-6FP-**	Yellow PVC AWM With Braided Shield 6 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-4FPX-1M becomes MAC-4FPX-1M-SS)



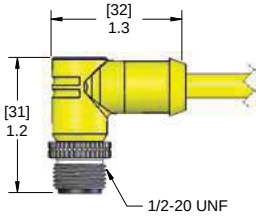
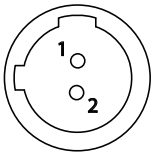
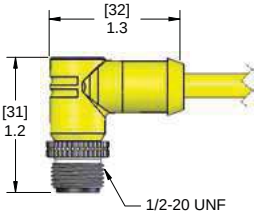
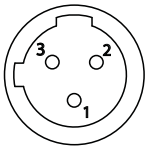
MAC (1/2”-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-2MP-**-R	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue	 1/2”-20
	MAC-3MPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Green/Yellow 2. Red/Black 3. Red/White	 1/2”-20
	MAC-3MP-**-R	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-3MP-**-R	Yellow PVC AWM With Braided Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
	MACP-3MP-**-R	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-3MP-1M-R becomes MAC-3MP-1M-R-SS)

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MAC (1/2”-20) Series Cordsets

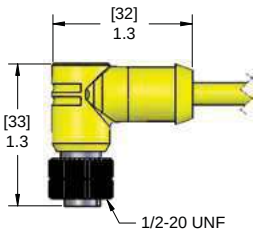
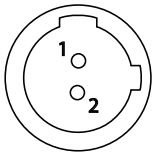
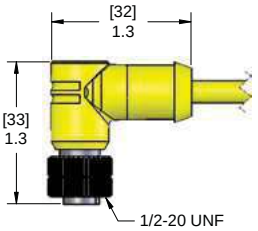
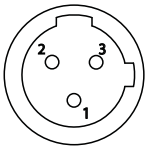
2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-2FP-**-R	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue	 1/2”-20
	MAC-3FPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Green/Yellow 2. Red/Black 3. Red/White	 1/2”-20
	MAC-3FP-**-R	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-3FP-**-R	Yellow PVC AWM With Braided Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
	MACP-3FP-**-R	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-3FP-1M-R becomes MAC-3FP-1M-R-SS)



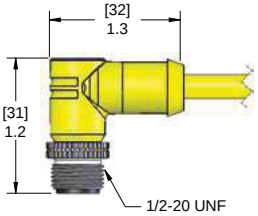
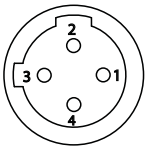
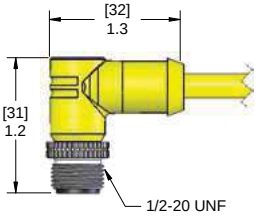
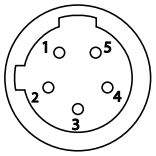
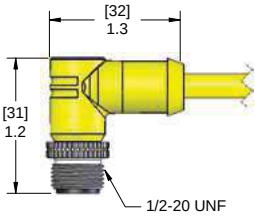
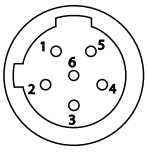
MAC (1/2”-20) Series Cordsets

4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-4MPX-**-R	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	 1/2”-20
	MAC-4MP-**-R	Yellow PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-4MP-**-R	Yellow PVC AWM With Braided Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5.6mm OD	Industry Standard PVC Braided Shield		
	MAC-5MP-**-R	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 1/2”-20
	MACP-5MP-**-R-B	Black PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MAC-6MP-**-R	Yellow PVC AWM 6 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	 1/2”-20
	MACB-6MP-**-R	Yellow PVC AWM With Braided Shield 6 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-5MP-1M-R becomes MAC-5MP-1M-R-SS)

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MAC (1/2”-20) Series Cordsets

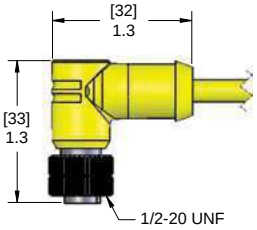
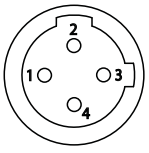
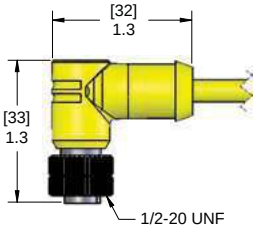
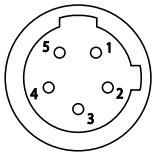
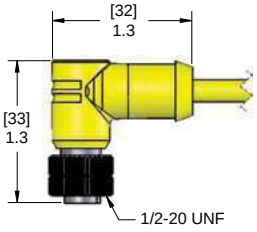
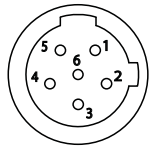
4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MAC-4FPX-**-R	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	 1/2”-20
	MAC-4FP-**-R	Yellow PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-4FP-**-R	Yellow PVC AWM With Braided Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5.6mm OD	Industry Standard PVC Braided Shield		
	MAC-5FP-**-R	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 1/2”-20
	MACP-5FP-**-R-B	Black PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MAC-6FP-**-R	Yellow PVC AWM 6 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	 1/2”-20
	MACB-6FP-**-R	Yellow PVC AWM With Braided Shield 6 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-5FP-1M-R becomes MAC-5FP-1M-R-SS)

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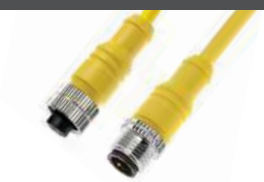


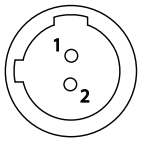
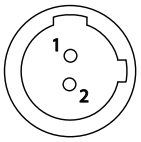
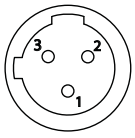
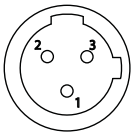
MAC (1/2”-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG

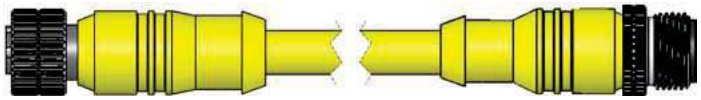
Double Ended Cordsets | 300 Volt, 4 amps | IP69 Rating

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Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1/2”-20	MAC-2MFP-**	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue	 1/2”-20
	MACB-2MFP-**	Yellow PVC AWM With Braided Shield 2 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
 1/2”-20	MAC-3MFPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Green/Yellow 2. Red/Black 3. Red/White	 1/2”-20
	MAC-3MFP-**	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-3MFP-**	Yellow PVC AWM With Braided Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Braided Shield		
	MACP-3MFP-**	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.
For extension cables with right angle male and/or female ends, please consult the factory.
Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-2MFP-1M becomes MAC-2MFP-1M-SS)



Male - Female Extension

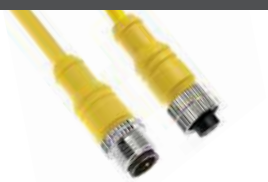
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MAC (1/2”-20) Series Cordsets

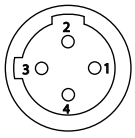
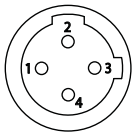
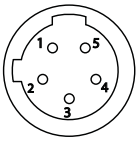
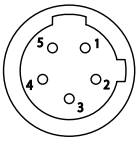
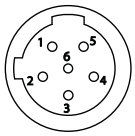
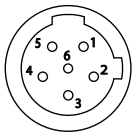
4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Double Ended Cordsets | 300 Volt, 4 amps | IP69 Rating



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Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 1/2”-20	MAC-4MFPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	 1/2”-20
	MAC-4MFP-**	Yellow PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MACB-4MFP-**	Yellow PVC AWM With Braided Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5.6mm OD	Industry Standard PVC Braided Shield		
 1/2”-20	MAC-5MFP-**	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	 1/2”-20
	MACB-5MFP-**	Yellow PVC AWM With Braided Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		
	MACP-5MFP-**-B	Black PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	
 1/2”-20	MAC-6MFP-**	Yellow PVC AWM 6 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	 1/2”-20
	MACB-6MFP-**	Yellow PVC AWM With Braided Shield 6 X 22 AWG 300V, 4A -40°C to +105°C 6.3mm OD	Industry Standard PVC Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

For extension cables with right angle male and/or female ends, please consult the factory.

Standard coupling nut is Nickel Plated Brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-5MFP-1M becomes MAC-5MFP-1M-SS)

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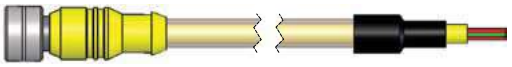
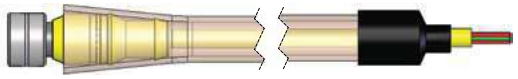


MAC (1/2”-20) Series Armored Cables

Connectivity Solutions for Harsh & Rugged Environments

Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A02	Stainless Steel with Discrete Wires	Crush, Corrosion and Abrasion Resistant
	A02T	Stainless Steel with Teflon Discrete Wires	Crush, Corrosion and Abrasion Resistant Hi-Temperature Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush and Abrasion Resistant
	A04	PVC Covered Stainless Steel with Discrete Wires	Water Tight Crush and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MAC-5FP-6 becomes MAC-5FP-6M-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments
- Connectorize to make faster installation and future repairs

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...



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MAC (1/2”-20) Series Field Wireable Plugs

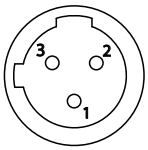
3 Conductor MAC Series Field Wireable Plugs, 18-24AWG



Field Wireable Plugs | PG7 & PG9 Threads | 250 Volt, 4 amps | IP67 Rating



c UL us LISTED

# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male Receptacles		Female Receptacles	
					Straight	Right Angle	Straight	Right Angle
3	 1/2”-20	250V 4A	18-24 AWG	4-6 mm	MAC-3MP-FW07	MAC-3MP-FW07-R	MAC-3FP-FW07	MAC-3FP-FW07-R
				6-8 mm	MAC-3MP-FW09	MAC-3MP-FW09-R	MAC-3FP-FW09	MAC-3FP-FW09-R

These connectors have screw terminal connections.

G

Micro-AC Series (1/2”-20) Cordsets

Male Field Wireable Plugs



Straight Plugs



Right Angle Plugs

Female Field Wireable Plugs



Straight Plugs



Right Angle Plugs

Specifications:

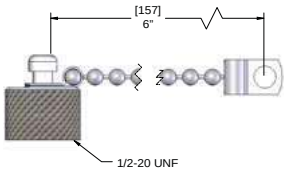
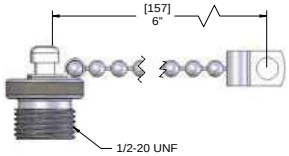
Body:	Black Polyamide
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Seal:	NBR
Connections:	Screw Terminals
Temperature:	-40ºC to +105ºC (-40ºF to +221ºF)

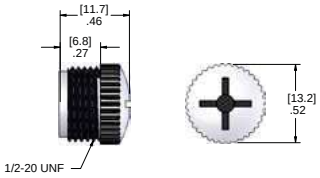
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



MAC (1/2”-20) Series Accessories

MAC Series Closure Caps & Plugs

Aluminum Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MAC-CAP	Nickel Plated Brass	Female	0.170”
	MAC-PLUG	Nickel Plated Brass	Male	0.170”

Plastic Closure Plugs				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting**
	MAC-PLUG-PA	Black Polyamide	Male	N/A

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MAC (1/2”-20) Series Accessories

2 & 3 Conductor MAC Series Accessory Cables



# of Conductors	Color Code	Wire AWG	Voltage Rating	Jacket Color	Features	Part Number	
						100’ Cable	Spool
2	Brown Blue	22 AWG	300V	Yellow	PVC AWM 5mm OD (0.20” OD)	MAC-2CBL-C	30A0001-*
					PVC AWM With Braided Shield 5.8mm OD (0.23” OD)	MACB-2CBL-C	20BS001-*
3	Green/Yellow Red/Black Red/White	18 AWG	300V	Yellow	PVC AWM 7.4mm OD (0.29” OD)	MAC-3CBLX-C	20BX001-*
				Black	PVC AWM 7.4mm OD (0.29” OD)	MAC-3CBLX-C-B	20BXB01-*
		22 AWG	300V	Yellow	PVC AWM 5mm OD (0.20” OD)	MAC-3CBL-C	20B0001-*
					PVC AWM With Braided Shield 5.8mm OD (0.23” OD)	MACB-3CBL-C	20BS001-*
					PUR AWM 5.1mm OD (0.20” OD)	MACP-3CBL-C	20BP001-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MAC (1/2”-20) Series Accessories

4, 5 & 6 Conductor MAC Series Accessory Cables

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
4	Red/Black Red/White Red Green/Yellow	18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MAC-4CBLX-C	20CX001-*
		22 AWG	300V	PVC AWM 5mm OD (0.20” OD)	Yellow	MAC-4CBL-C	20C0001-*
					Black	MAC-4CBL-C-B	20CB001-*
				PVC AWM With Braided Shield 5.6mm OD (0.22” OD)	Yellow	MACB-4CBL-C	20CS001-*
					Black	MACB-4CBL-C-B	20CSB01-*
5	Red/White Red Green/Yellow Red/Yellow Red/Black	22 AWG	300V	PVC AWM 5.8mm OD (0.23” OD)	Yellow	MAC-5CBL-C	20D0001-*
				PVC AWM 5.8mm OD (0.23” OD)	Black	MAC-5CBL-C-B	20DB001-*
				PUR AWM 5.8mm OD (0.23” OD)	Black	MACP-5CBL-C-B	20DPB01-*
6	Red/White Red Green/Yellow Red/Yellow Red/Black Red/Blue	22 AWG	300V	PVC AWM 5.8mm OD (0.23” OD)	Yellow	MAC-6CBL-C	20E0001-*
				PVC AWM With Braided Shield 6.3mm OD (0.24” OD)	Yellow	MACB-6CBL-C	20ES001-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MAC (1/2”-20) Series Receptacles

MAC Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MAC - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Number of Conductors

2
3
4
5
6

Shell Material

Blank	=	Aluminum or Nickel plated brass
SS	=	Stainless Steel
PASW	=	Plastic

Connector Configuration

MR	=	Male Receptacle
FR	=	Female Receptacle

Wire AWG

Blank	=	22 AWG
18	=	18 AWG

Length in Meters

Blank	=	1’

Mounting Style

2	=	Front Mount 1/2”-14 NPT
4	=	Front Mount 1/4”-18 NPT
PG7	=	Front Mount PG 7 Threads
PG9	=	Front Mount PG 9 Threads
PG13.5	=	Front Mount PG 13.5 Threads
M16	=	Front Mount Metric 16 Threads
M20	=	Front Mount Metric 20 Threads
TM	=	Through Panel Mount

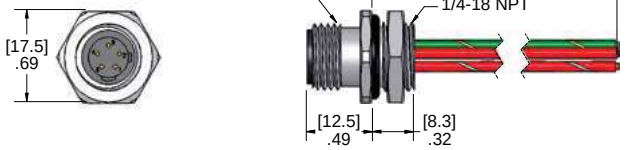
Termination Type

Blank	=	Pre-Wired
SC	=	Solder Cup

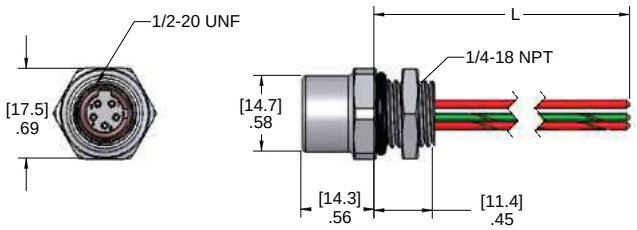
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Front Mount

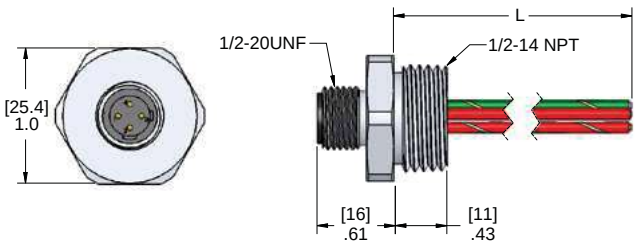
Front Mount, Male, 1/4”-18 NPT Page G-22



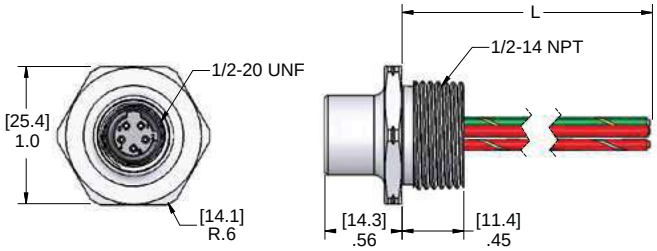
Front Mount, Female, 1/4”-18 NPT Page G-22



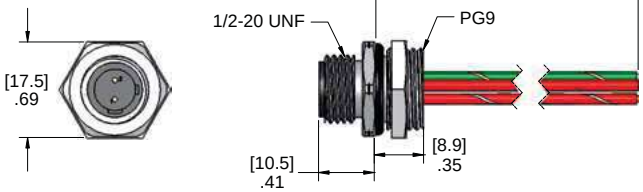
Front Mount, Male, 1/2”-14 NPT Page G-22



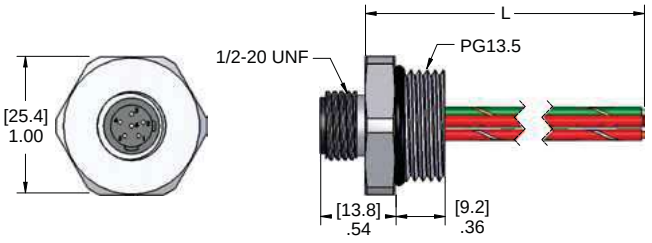
Front Mount, Female, 1/2”-14 NPT Page G-22



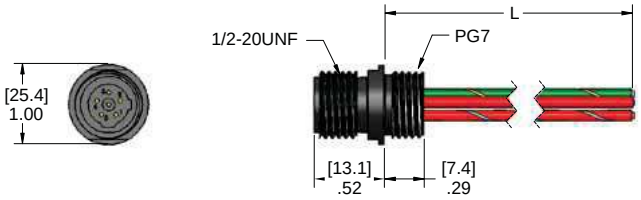
Front Mount, Male, PG9 Threads Page G-23



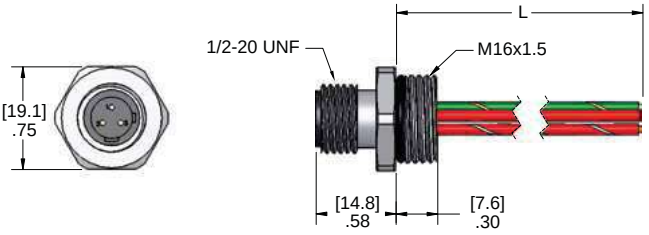
Front Mount, Male, PG13.5 Threads Page G-23



Front Mount, Male, PG7 Threads, Plastic Body Page G-24



Front Mount, Male, M16 Threads Page G-25



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Front Mount, Male, M20 Threads Page G-25

Front Mount, Female, M20 Threads Page G-25

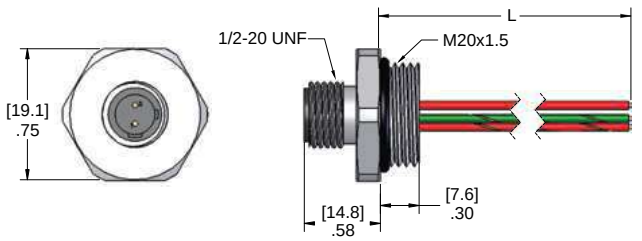
Front Mount, Male, 1/2”-14NPT, Solder Cups Page G-26

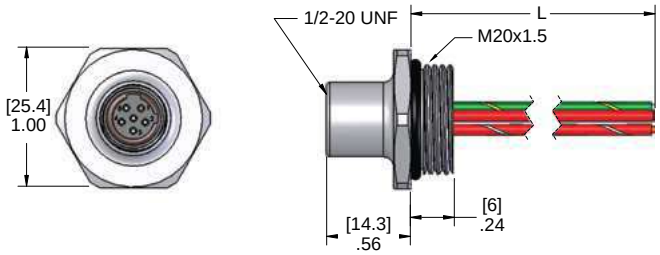
Front Mount, Female, 1/2”-14NPT, Solder Cups Page G-26

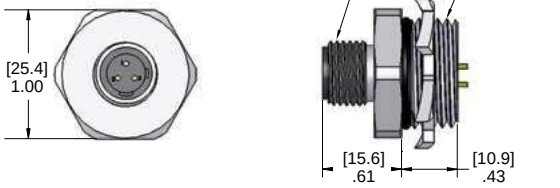
Front Mount, Male, M20 Threads, Solder Cups Page G-26

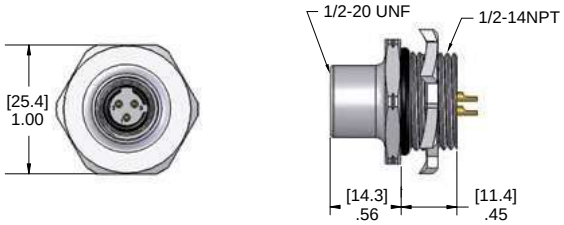
Front Mount, Female, M20 Threads, Solder Cups Page G-26

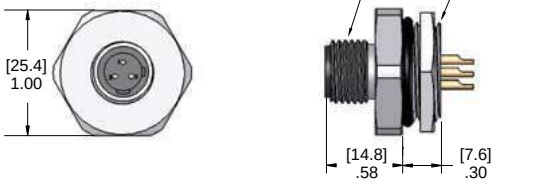
Through Panel Mount, Male to Female Page G-27

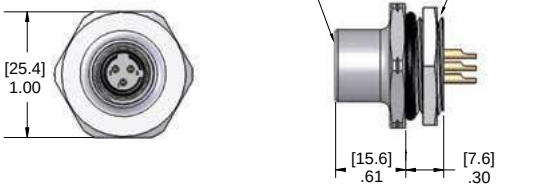


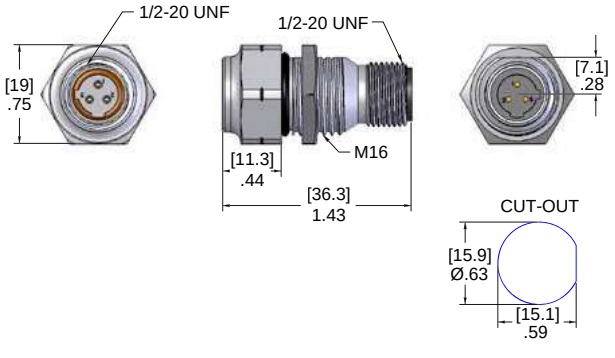












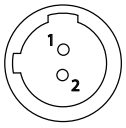
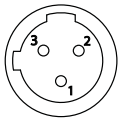
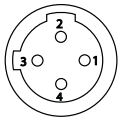
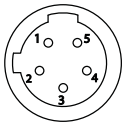
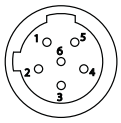


MAC (1/2”-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG

Front Mount Receptacles | 1/4”-18 & 1/2”-14 NPT Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles		Female Receptacles	
					1/4”-18 NPT	1/2”-14 NPT	1/4”-18 NPT	1/2”-14 NPT
2	 1/2”-20	1. Brown 2. Blue	300V 4A	18 AWG	MAC-2MR-4-18	MAC-2MR-2-18	MAC-2FR-4-18	MAC-2FR-2-18
				22 AWG	MAC-2MR-4	MAC-2MR-2	MAC-2FR-4	MAC-2FR-2
3	 1/2”-20	1. Green/Yellow 2. Red/Black 3. Red/White	300V 4A	18 AWG	MAC-3MR-4-18	MAC-3MR-2-18	MAC-3FR-4-18	MAC-3FR-2-18
				22 AWG	MAC-3MR-4	MAC-3MR-2	MAC-3FR-4	MAC-3FR-2
4	 1/2”-20	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	300V 4A	18 AWG	MAC-4MR-4-18	MAC-4MR-2-18	MAC-4FR-4-18	MAC-4FR-2-18
				22 AWG	MAC-4MR-4	MAC-4MR-2	MAC-4FR-4	MAC-4FR-2
5	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	300V 4A	18 AWG	MAC-5MR-4-18	MAC-5MR-2-18	MAC-5FR-4-18	MAC-5FR-2-18
				22 AWG	MAC-5MR-4	MAC-5MR-2	MAC-5FR-4	MAC-5FR-2
6	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	300V 4A	22 AWG	MAC-6MR-4	MAC-6MR-2	MAC-6FR-4	MAC-6FR-2

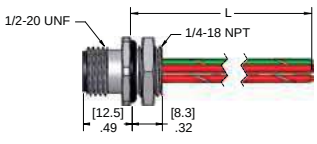
12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Standard coupling nuts are anodized aluminum for 1/2” NPT threads and nickel plated brass for 1/4” NPT threads, for stainless steel coupling nut add a “-SS” suffix. (e.g. MAC-3MR-4-18 becomes MAC-3MR-4-18-SS)

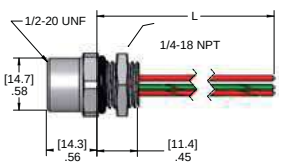
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MAC-3MR-4 becomes MAC-3MR-4-G)

For 1/2” receptacles with lengths of 15” or longer, O-ring and lock nut are included.

1/4”-18NPT Threads

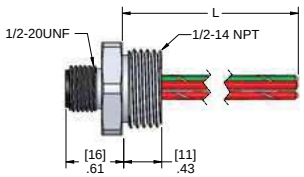


Male Receptacles

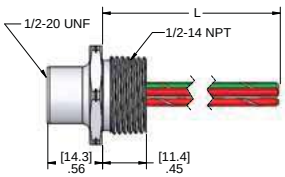


Female Receptacles

1/2”-14NPT Threads



Male Receptacles



Female Receptacles

Specifications:

Shell:	1/2” NPT: Clear Anodized Aluminum 1/4” NPT: Nickel Plated Brass	O-Ring:	NBR
Insulator:	Polyamide	Jam Nut:	Nickel Plated Brass
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V	Lock Nut:	Zinc Plated Steel
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 105°C (-40°F to +221°F)

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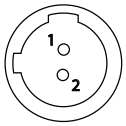
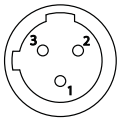
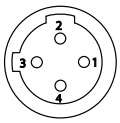
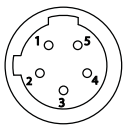
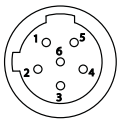
MAC (1/2”-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG



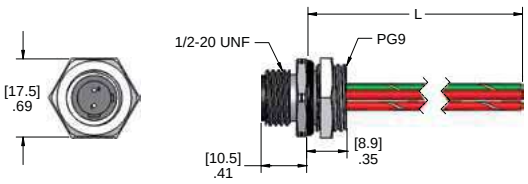
Male Front Mount Receptacles | PG9 & PG13.5 Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

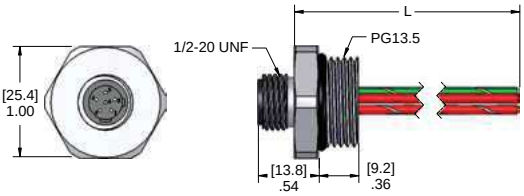
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	
					PG9	PG 13.5
2	 1/2”-20	1. Brown 2. Blue	300V 4A	18 AWG	MAC-2MR-PG9-18	MAC-2MR-PG13.5-18
				22 AWG	MAC-2MR-PG9	MAC-2MR-PG13.5
3	 1/2”-20	1. Green/Yellow 2. Red/Black 3. Red/White	300V 4A	18 AWG	MAC-3MR-PG9-18	MAC-3MR-PG13.5-18
				22 AWG	MAC-3MR-PG9	MAC-3MR-PG13.5
4	 1/2”-20	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	300V 4A	18 AWG	MAC-4MR-PG9-18	MAC-4MR-PG13.5-18
				22 AWG	MAC-4MR-PG9	MAC-4MR-PG13.5
5	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	300V 4A	18 AWG	MAC-5MR-PG9-18	MAC-5MR-PG13.5-18
				22 AWG	MAC-5MR-PG9	MAC-5MR-PG13.5
6	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	300V 4A	22 AWG	MAC-6MR-PG9	MAC-6MR-PG13.5

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

PG9 Threads



PG13.5 Threads



Specifications:

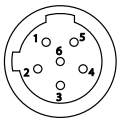
Shell:	PG 9: Nickel Plated Brass PG 13.5: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
		O-Ring:	NBR
Insulator:	Polyamide	Jam Nut:	Nickel Plated Brass
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V	Temperature:	-40°C to 105°C (-40°F to +221°F)



MAC (1/2”-20) Series Receptacles

6 Conductor MAC Series Receptacle, 22AWG

Front Mount Receptacle | PG7 Thread | 300 Volt, 4 amps | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles
6	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	300V 4A	22 AWG	MAC-6MR-PG7-PASW

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

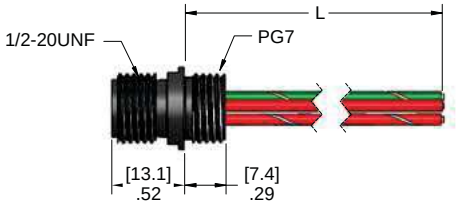
G

Micro-AC Series (1/2”-20) Receptacles

Specifications:

Shell:	Black Polyamide
Insulator:	Polyamide
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating





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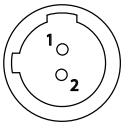
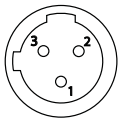
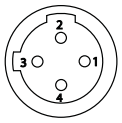
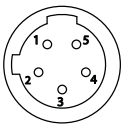
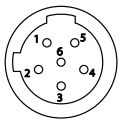
MAC (1/2”-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG



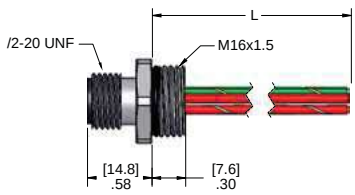
Front Mount Receptacles | M16 & M20 Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

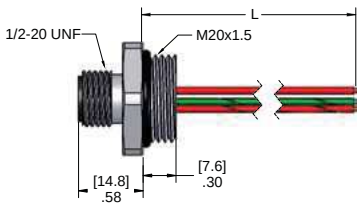
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles		Female Receptacles
					M16 x 1.5	M20 x 1.5	M20 x 1.5
2	 1/2”-20	1. Brown 2. Blue	300V 4A	18 AWG	MAC-2MR-M16-18	MAC-2MR-M20-18	MAC-2FR-M20-18
				22 AWG	MAC-2MR-M16	MAC-2MR-M20	MAC-2FR-M20
3	 1/2”-20	1. Green/Yellow 2. Red/Black 3. Red/White	300V 4A	18 AWG	MAC-3MR-M16-18	MAC-3MR-M20-18	MAC-3FR-M20-18
				22 AWG	MAC-3MR-M16	MAC-3MR-M20	MAC-3FR-M20
4	 1/2”-20	1. Red/Black 2. Red/White 3. Red 4. Green/Yellow	300V 4A	18 AWG	MAC-4MR-M16-18	MAC-4MR-M20-18	MAC-4FR-M20-18
				22 AWG	MAC-4MR-M16	MAC-4MR-M20	MAC-4FR-M20
5	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black	300V 4A	18 AWG	MAC-5MR-M16-18	MAC-5MR-M20-18	MAC-5FR-M20-18
				22 AWG	MAC-5MR-M16	MAC-5MR-M20	MAC-5FR-M20
6	 1/2”-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	300V 4A	22 AWG	MAC-6MR-M16	MAC-6MR-M20	MAC-6FR-M20

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

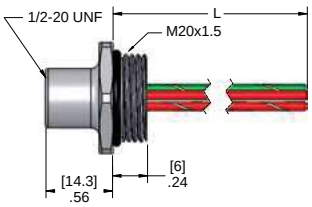
Male M16 Receptacles



Male M20 Receptacles



Female M20 Receptacles



Specifications:

Shell:	Clear Anodized Aluminum	O-Ring:	NBR
Insulator:	Polyamide	Jam Nut:	Nickel Plated Brass
Wire:	18 & 22 AWG: UL Style 1007/1569, 300V	Temperature:	-40°C to 105°C (-40°F to +221°F)
Contacts:	Copper Alloy with Gold Plating		

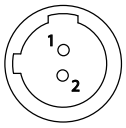
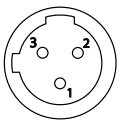
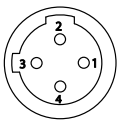
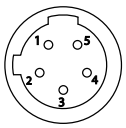
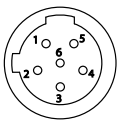
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MAC (1/2”-20) Series Receptacles

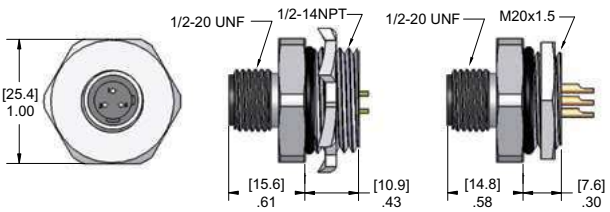
2, 3, 4 ,5 & 6 Conductor MAC Series Receptacles

Solder Cup Receptacles | 1/2”-14 NPT & M20 Threads | 300V, 4A | Non-UL | IP69 Rating

# of Poles	Male Faceview	Rating	Wire AWG	1/2”-14 NPT		M20	
				Male Receptacle	Female Receptacles	Male Receptacle	Female Receptacles
2	 1/2”-20	300V 4A Max	18 AWG Max	MAC-2MR-2-SC	MAC-2FR-2-SC	MAC-2MR-M20-SC	MAC-2FR-M20-SC
3	 1/2”-20	300V 4A Max	18 AWG Max	MAC-3MR-2-SC	MAC-3FR-2-SC	MAC-3MR-M20-SC	MAC-3FR-M20-SC
4	 1/2”-20	300V 4A Max	18 AWG Max	MAC-4MR-2-SC	MAC-4FR-2-SC	MAC-4MR-M20-SC	MAC-4FR-M20-SC
5	 1/2”-20	300V 4A Max	18 AWG Max	MAC-5MR-2-SC	MAC-5FR-2-SC	MAC-5MR-M20-SC	MAC-5FR-M20-SC
6	 1/2”-20	300V 4A Max	18 AWG Max	MAC-6MR-2-SC	MAC-6FR-2-SC	MAC-6MR-M20-SC	MAC-6FR-M20-SC

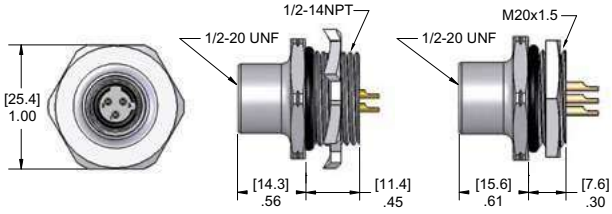
Other mounting threads are available, please consult the factory for part numbers.

Male Receptacles



1/2”-14 Thread M20 Thread

Female Receptacles



1/2”-14 Thread M20 Thread

Specifications:

Shell:	Clear Anodized Aluminum	Lock Nut:	Zinc PLated Steel
Insulator:	Polyamide	Jam Nut:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 105°C (-40°F to +221°F)
O-Ring:	NBR		

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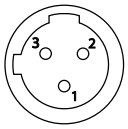
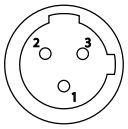
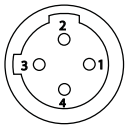
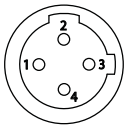
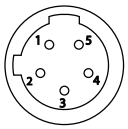
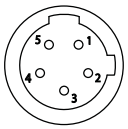
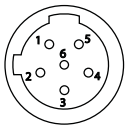
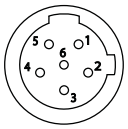
MAC (1/2”-20) Series Receptacles

3, 4, 5 & 6 Conductor MAC Series Receptacles



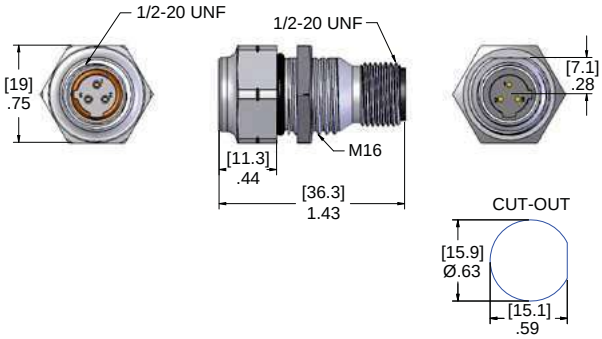
Through Panel Mount Receptacles | 300 Volt, 4 amps | IP69 Rating

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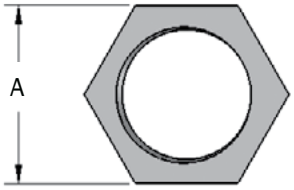
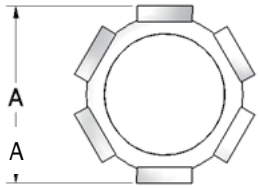
# of Poles	Male Faceview	Rating	Wiring	Part Number	Female Faceview
3	 1/2”-20	300 4A	1 to 1 2 to 2 3 to 3	MAC-3MFR-TM	 1/2”-20
4	 1/2”-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4	MAC-4MFR-TM	 1/2”-20
5	 1/2”-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5	MAC-5MFR-TM	 1/2”-20
6	 1/2”-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5 6 to 6	MAC-6MFR-TM	 1/2”-20

Specifications:

Shell:	Nickel Plated Brass
Insulater:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)



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Jam Nuts					
	Part #	**Thread**	**A**	**Thickness**	**Material**
	214M	1/4” NPT	17.3 mm	3.3 mm	Zinc Plated Steel
	219M	PG 9	18 mm	3.0 mm	Nickel Plated Brass
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	2M16M	M16 x 1.5	19 mm	2.8 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
Lock Nuts					
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated Steel

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Micro-DC Series

MDC (M12) Series, A-coded

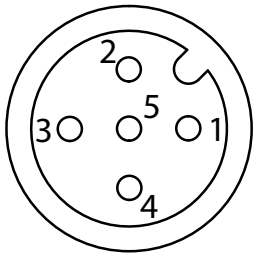
UL File #:
E149111

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The Micro-DC (MDC) series, also known as Micro-change or M12, is one of the most widely used industrial quick disconnects in the industrial market. Despite the name, these euro-style connectors can be used in both AC or DC applications. They are commonly used in factory automation for items such as sensors, actuators, motors, switches, safety light curtains, mats, and interlock switches to name a few.

MDC : Micro-DC

The MDC series has a single keyway which is known as A-coded. The commonly used industry term “M12” is in reference to the coupling thread used to connect the MDC cables to the mating receptacles. The MDC product is offered in 2–8 and 12 pole configurations with a variety of outer jacket materials, and other options. The euro color code (without a ground wire) and the single keyway (A-Coded) distinguishes the MDC from other connectors that are similar in size and function.



A-coded





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Micro-DC Series

MDC (M12) Series, A-coded

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- Double Ended ..... H-25 ~ H-33
- Armored H-34

Field Wireable Plugs ..... H-35 ~ H-38

"Y" Connectors H-39

Splitters H-40

Cordset Accessories
- Closure Caps & Plugs H-41
- Raw Cables ..... H-42 ~ H-44

Receptacles
- Part Number Matrix H-45
- Index ..... H-46 ~ H-50
- Front Mount ..... H-51 ~ H-60
- Front Locking Mount ..... H-61 ~ H-62
- Solder Cup ..... H-63 ~ H-64
- Back Mount ..... H-65 ~ H-66
- PCB Mount ..... H-67 ~ H-60
- Panel Mount ..... H-71 ~ H-72
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Receptacle Accessories
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MDC (M12) Series Cordsets

MDC Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MDC ☐ - ☐ ☐ - ☐ - ☐ - ☐ - ☐ - ☐

Cable Type

Blank	=	PVC
B	=	PVC / Braided Shield
P	=	PUR
PQ	=	PUR / Coiled Cable
PM	=	PUR / Foil Shield
PB	=	PUR / Braided Shield
M	=	Foil Shield
W	=	TPE
WF	=	TPE / Hi-Flex

Number of Conductors

2
3
4
5
6
8
10
12

Connector Configuration

MP	=	Male Plug
FP	=	Female Plug
MFP	=	Male / Female Extension
MFRP	=	Male Straight / Female Right Angle
MRFP	=	Male Right Angle / Female Straight
MSP	=	Male-Shielded to Coupling Nut
FSP	=	Female-Shielded to Coupling Nut
MFPS	=	Male & Female-Shielded to Coupling Nut
MFSP	=	Female Shielded to Coupling Nut / Male Not
MSFP	=	Male Shielded to Coupling Nut / Female Not
"X"	=	Any of the above followed by an X equals 18awg

Length in Meters

1M
2M
4M
5M
6M
10M
15M

Other lengths are available by request.

Armor (See **H-34** for more details)

Blank	=	No Armor
A01	=	SS w/ Cable Inside
A02	=	SS w/ Discrete Wires
A02T	=	SS w/ Teflon Discrete Wires
A03	=	PVC Covered SS w/ Cable Inside
A04	=	PVC Covered SS w/ Discrete Wires
A50	=	Silicone (Stops at Overmold)
A51	=	Silicone (Covers Overmold)

Coupling Nut

Blank	=	Nickel plated brass
SS	=	Stainless Steel

Cable Color

Blank	=	Yellow
B	=	Black
GY	=	Gray

R/A or Straight

Blank	=	Straight *
R	=	Right Angle **

* Unless the Connector Configuration is MFRP or MRFP

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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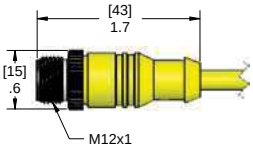
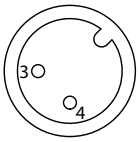
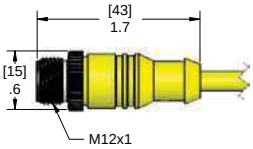
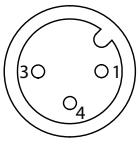
MDC (M12) Series Cordsets

2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-2MPX-**	Yellow PVC AWM 2 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	3. Brown 4. Blue	 M12x1
	MDC-2MP-**	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDC-3MPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 3. Blue 4. Black	 M12x1
	MDC-3MP-** (Yellow) MDC-3MP-**-B (Black)	PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-3MP-**	Yellow PVC AWM With Foil Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-3MP-**	Yellow PUR 3 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-3MPX-1M becomes MDC-3MPX-1M-SS)

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MDC (M12) Series Cordsets

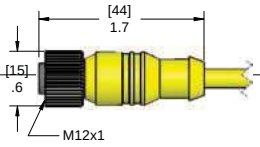
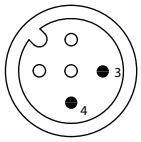
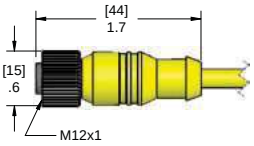
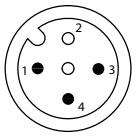
2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-2FPX-**	Yellow PVC AWM 2 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Not Used 2. Not Used 3. Brown 4. Blue 5. Not Used	 M12x1
	MDC-2FP-**	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDC-3FPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black 5. Not Used	 M12x1
	MDC-3FP-** (Yellow) MDC-3FP-**-B (Black)	PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-3FP-**	Yellow PVC AWM With Foil Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-3FP-**	Yellow PUR 3 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-3FPX-1M becomes MDC-3FPX-1M-SS)

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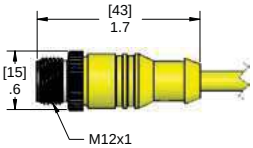
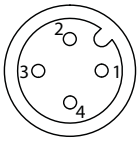


MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4MPX-** (Yellow) MDC-4MPX-**-B (Black)	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12x1
	MDCP-4MPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4MPX-**	Yellow TPE AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-4MPX-1M becomes MDC-4MPX-1M-SS)

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MDC (M12) Series Cordsets

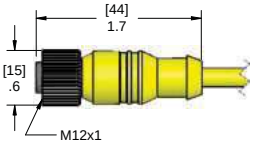
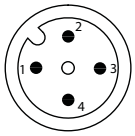
4 Conductor MDC Series Cordsets, 18AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4FPX-** (Yellow) MDC-4FPX-**-B (Black)	PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Not Used	 M12x1
	MDCP-4FPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4FPX-**	Yellow TPE AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-4FPX-1M becomes MDC-4FPX-1M-SS)

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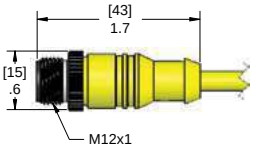
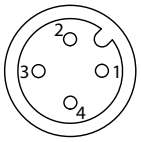
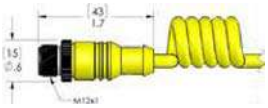
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 22AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED
(Unshielded Version)



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4MP-** (Yellow) MDC-4MP-**-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDCM-4MP-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCM-4MSP-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-4MP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4MP-**	Yellow TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Weld Slag Resistant TPE		
	MDCWF-4MP-**	Black TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Hi-Flex Weld Slag Resistant TPE		
	MDCPQ-4MP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Coiled Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-4MP-1M becomes MDC-4MP-1M-SS)

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MDC (M12) Series Cordsets

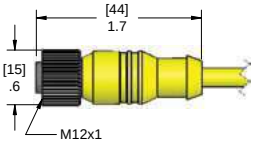
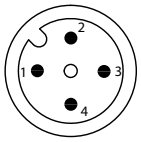
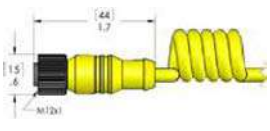
4 Conductor MDC Series Cordsets, 22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED (Unshielded Version)

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4FP-** (Yellow) MDC-4FP-**-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Not Used	 M12 x 1
	MDCM-4FP-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCM-4FSP-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-4FP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4FP-**	Yellow TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Weld Slag Resistant TPE		
	MDCWF-4FP-**	Black TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Hi-Flex Weld Slag Resistant TPE		
	MDCPQ-4FP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Coiled Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-4FP-1M becomes MDC-4FP-1M-SS)



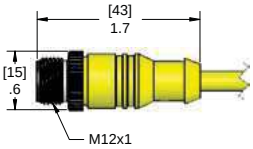
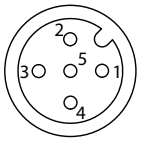
MDC (M12) Series Cordsets

5 Conductor MDC Series Cordsets, 18/22AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED
(Unshielded Version)



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-5MPX-** (Yellow) MDC-5MPX-**-B (Black)	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12x1
	MDC-5MP-** (Yellow) MDC-5MP-**-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC		
	MDCM-5MP-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield		
	MDCM-5MSP-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-5MP-**	Yellow PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCWF-5MP-**-B	Black TPE AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.2mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5MPX-1M becomes MDC-5MPX-1M-SS)

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MDC (M12) Series Cordsets

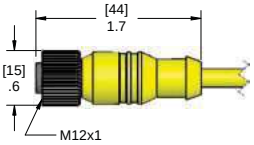
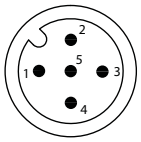
5 Conductor MDC Series Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED
(Unshielded Version)

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-5FPX-** (Yellow) MDC-5FPX-**-B (Black)	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12x1
	MDC-5FP-** (Yellow) MDC-5FP-**-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC		
	MDCM-5FP-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield		
	MDCM-5FSP-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-5FP-**	Yellow PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCWF-5FP-**-B	Black TPE AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.2mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5FPX-1M becomes MDC-5FPX-1M-SS)



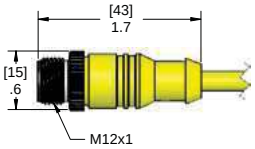
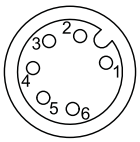
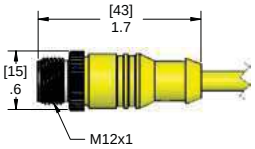
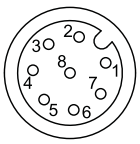
MDC (M12) Series Cordsets

6 & 8 Conductor MDC Series Cordsets, 24AWG

Straight Male Cordsets | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED
(Unshielded Version)



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCM-6MP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M12 x 1
	MDCM-6MSP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCM-8MP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	 M12 x 1
	MDCM-8MSP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-8MP-** (Yellow) MDCP-8MP-**-B (Black)	PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		
	MDCP-8MSP-**	Yellow PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield to the Coupling Nut		
	MDCW-8MP-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield		
	MDCW-8MSP-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield to the Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCP-8MP-1M becomes MDCP-8MP-1M-SS)

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MDC (M12) Series Cordsets

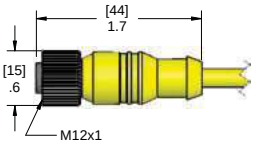
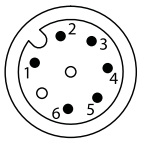
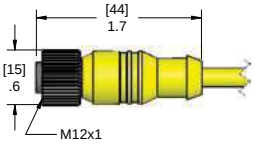
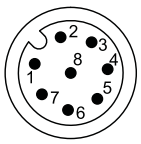
6 & 8 Conductor MDC Series Cordsets, 24AWG



Straight Female Cordsets | 60 Volt, 2 amps | IP67 Rating



c UL us LISTED
(Unshielded Version)

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCM-6FP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink 7. Not Used 8. Not Used	 M12 x 1
	MDCM-6FSP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCM-8FP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	 M12 x 1
	MDCM-8FSP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-8FP-** (Yellow) MDCP-8FP-**-B (Black)	PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		
	MDCP-8FSP-**	Yellow PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield to the Coupling Nut		
	MDCW-8FP-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield		
	MDCW-8FSP-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield to the Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCP-8FP-1M becomes MDCP-8FP-1M-SS)

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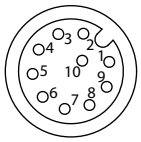
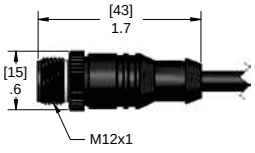
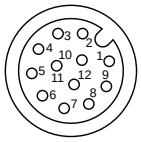


MDC (M12) Series Cordsets

10 & 12 Conductor MDC Series Cordsets, 24AWG

Straight Male Cordsets | 60 Volt, 2 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCPM-10MP-**-B	Black PUR AWM With Foil Shield 10 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	 M12 x 1
	MDCM-12MP-**-B	Black PVC AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +105°C 6.7mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	 M12 x 1
	MDCPM-12MP-**-B	Black PUR AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCM-12MP-1M-B becomes MDCM-12MP-1M--B-SS)

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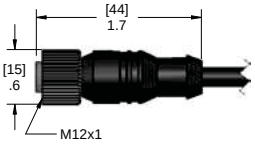
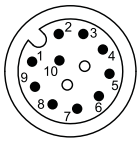
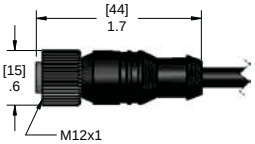
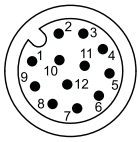
MDC (M12) Series Cordsets

10 & 12 Conductor MDC Series Cordsets, 24AWG



Straight Female Cordsets | 60 Volt, 2 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCPM-10FP-**-B	Black PUR AWM With Foil Shield 10 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Not Used 12. Not Used	 M12 x 1
	MDCM-12FP-**-B	Black PVC AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +105°C 6.7mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	 M12 x 1
	MDCPM-12FP-**-B	Black PUR AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCM-12FP-1M becomes MDCM-12FP-1M-B-SS)

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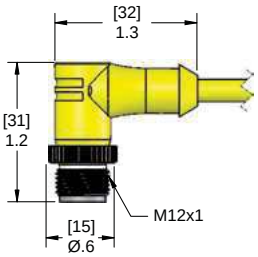
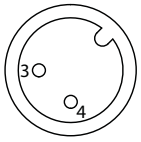
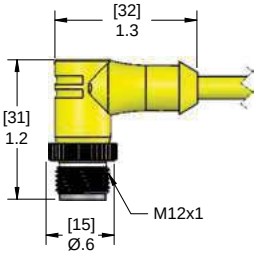
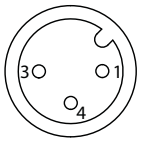
MDC (M12) Series Cordsets

2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | IP69 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-2MPX-**-R	Yellow PVC AWM 2 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	3. Brown 4. Blue	 M12x1
	MDC-2MP-**-R	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDC-3MPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 3. Blue 4. Black	 M12x1
	MDC-3MP-**-R	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-3MP-**-R	Yellow PVC AWM With Foil Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-3MP-**-R	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix.(e.g. MDC-3MPX-1M-R becomes MDC-3MPX-1M-R-SS)

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MDC (M12) Series Cordsets

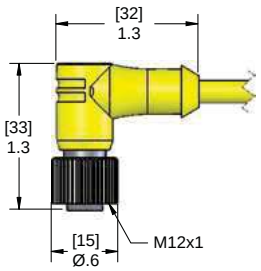
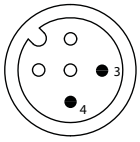
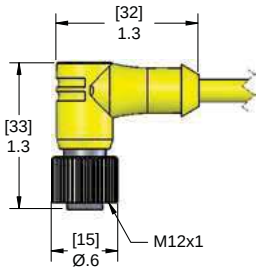
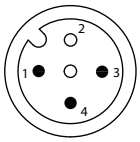
2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-2FPX-**-R	Yellow PVC AWM 2 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Not Used 2. Not Used 3. Brown 4. Blue 5. Not Used	 M12x1
	MDC-2FP-**-R	Yellow PVC AWM 2 X 20 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDC-3FPX-**-R	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black 5. Not Used	 M12x1
	MDC-3FP-**-R	Yellow PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-3FP-**-R	Yellow PVC AWM With Foil Shield 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-3FP-**-R	Yellow PUR AWM 3 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-3FPX-1M-R becomes MDC-3FPX-1M-R-SS)

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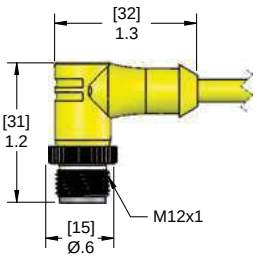
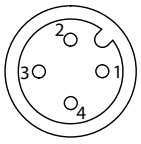
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18/22AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4MPX-**-R (Yellow) MDC-4MPX-**-R-B (Black)	PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12x1
	MDCP-4MPX-**-R	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4MPX-**-R	Yellow TPE AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		
	MDC-4MP-**-R (Yellow) MDC-4MP-**-R-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-4MP-**-R	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-4MP-**-R	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4MP-**-R	Yellow TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Weld Slag Resistant TPE		
	MDCWF-4MP-**-R	Black TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix.(e.g. MDC-4MPX-1M-R becomes MDC-4MPX-1M-R-SS)

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MDC (M12) Series Cordsets

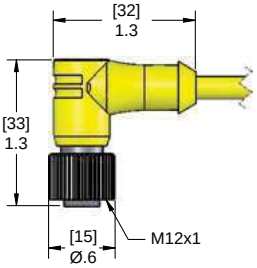
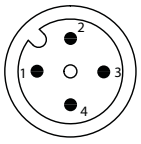
4 Conductor MDC Series Cordsets, 18/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-4FPX-**-R (Yellow) MDC-4FPX-**-R-B (Black)	PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Not Used	 M12x1
	MDCP-4FPX-**-R	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4FPX-**-R	Yellow TPE AWM 4 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Weld Slag Resistant TPE		
	MDC-4FP-**-R (Yellow) MDC-4FP-**-R-B (Black)	PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-4FP-**-R	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCP-4FP-**-R	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4FP-**-R	Yellow TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Weld Slag Resistant TPE		
	MDCWF-4FP-**-R	Black TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult the factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-4FPX-1M-R becomes MDC-4FPX-1M-R-SS)

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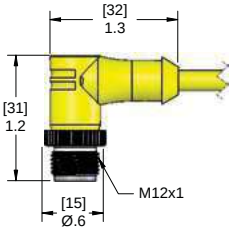
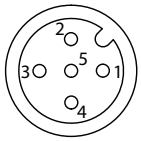
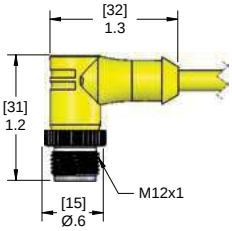
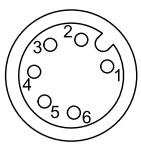
MDC (M12) Series Cordsets

5 & 6 Conductor MDC Series Cordsets, 22/24AWG

Right Angle Male Cordsets | 300V, 4A | 60V, 2A | IP69 (5 Pole), IP67 (6 Pole)

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-5MPX-**-R	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12 x 1
	MDC-5MP-**-R (Yellow) MDC-5MP-**-R-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC		
	MDCM-5MP-**-R	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield		
	MDCP-5MP-**-R	Yellow PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCWF-5MP-**-R-B	Black TPE AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.2mm OD	Hi-Flex Weld Slag Resistant TPE		
	MDCM-6MP-**-R	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5MP-1M-R becomes MDC-5MP-1M-R-SS)

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MDC (M12) Series Cordsets

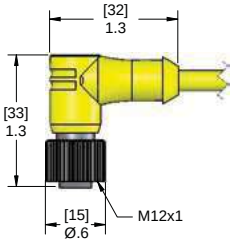
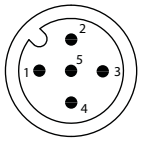
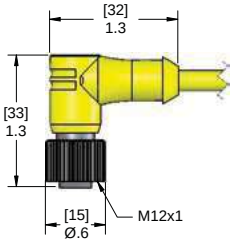
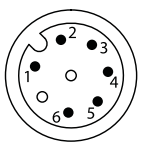
5 & 6 Conductor MDC Series Cordsets, 22/24AWG



Right Angle Female Cordsets | 300V, 4A | 60V, 2A | IP69 (5 Pole), IP67 (6 Pole)



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-5FPX-**-R	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12 x 1
	MDC-5FP-**-R (Yellow) MDC-5FP-**-R-B (Black)	PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC		
	MDCM-5FP-**-R	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield		
	MDCP-5FP-**-R	Yellow PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCWF-5FP-**-R-B	Black TPE AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.2mm OD	Hi-Flex Weld Slag Resistant TPE		
	MDCM-6FP-**-R	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink 7. Not Used 8. Not Used	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5FP-1M-R becomes MDC-5FP-1M-R-SS)



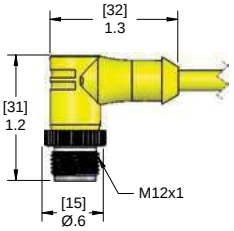
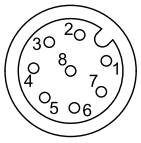
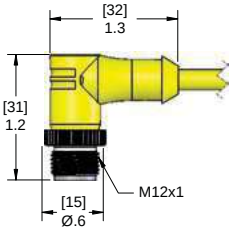
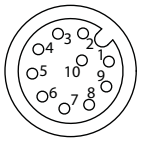
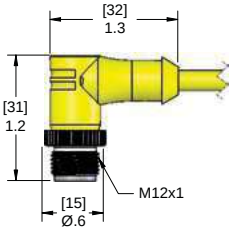
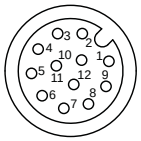
MDC (M12) Series Cordsets

8, 10 & 12 Conductor MDC Series Cordsets, 24AWG

Right Angle Male Cordsets | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED (8 Pole)



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCM-8MP-**-R	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	 M12 x 1
	MDCP-8MP-**-R (Yellow) MDCP-8MP-**-R-B (Black)	PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		
	MDCW-8MP-**-R	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield		
	MDCPM-10MP-**-R-B	Black PUR AWM With Foil Shield 10 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	 M12 x 1
	MDCM-12MP-**-R-B	Black PVC AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +105°C 6.7mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	 M12 x 1
	MDCPM-12MP-**-R-B	Black PUR AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCP-8MP-1M-R becomes MDCP-8MP-1M-R-SS)

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MDC (M12) Series Cordsets

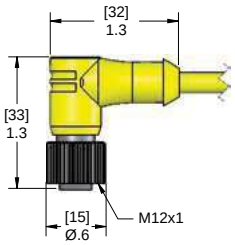
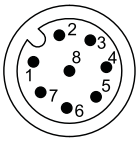
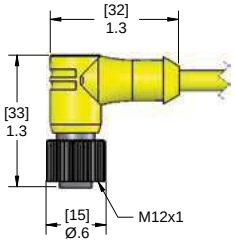
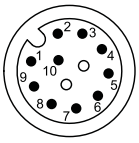
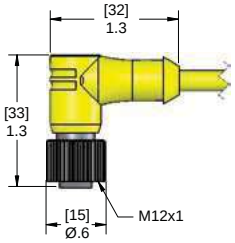
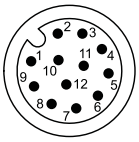
8, 10 & 12 Conductor MDC Series Cordsets, 24AWG



Right Angle Female Cordsets | 60 Volt, 2 amps | IP67 Rating



c UL us LISTED (8 Pole)

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDCM-8FP-**-R	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	 M12 x 1
	MDCP-8FP-**-R (Yellow) MDCP-8FP-**-R-B (Black)	PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6.1mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		
	MDCW-8FP-**-R	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield		
	MDCPM-10FP-**-R-B	Black PUR AWM With Foil Shield 10 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Not Used 12. Not Used	 M12 x 1
	MDCM-12FP-**-R-B	Black PVC AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +105°C 6.7mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	 M12 x 1
	MDCPM-12FP-**-R-B	Black PUR AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCP-8FP-1M-R becomes MDCP-8FP-1M-R-SS)

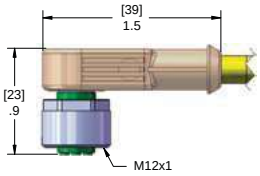
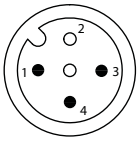
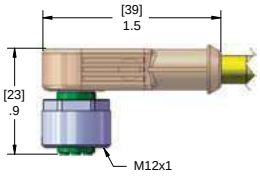


MDC (M12) Series Cordsets with LEDs

3 Conductor MDC Series Cordsets, 22AWG

Right Angle Female Cordsets | 10-30 Volt, 4 amps | IP67 Rating

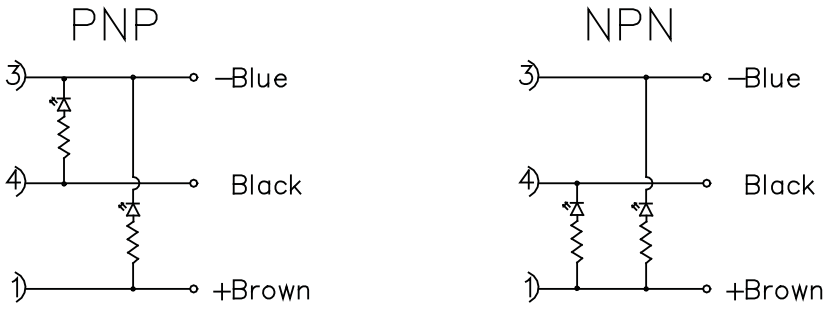


Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-3FP-**-R-PNP	PVC 10-30V 3 X 22 AWG -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black 5. Not Used	 M12 x 1
	MDC-3FP-**-R-NPN				

** Lengths in meters. Standard cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-3FP-2M-R-PNP becomes MDC-3FP-2M-R-PNP-SS)



Circuit Specification

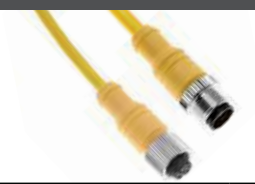
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MDC (M12) Series Cordsets

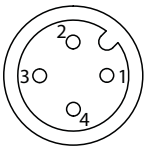
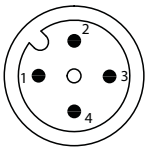
4 Conductor MDC Series Cordsets, 18/22AWG



Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating



c UL us LISTED
(Unshielded Version)

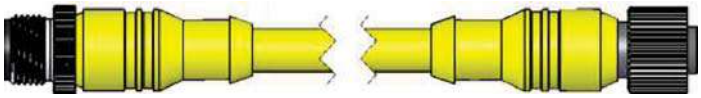
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-4MFPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDCP-4MFPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDC-4MFP-** (Yellow) MDC-4MFP-**-B (Black)	Yellow PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC		
	MDCM-4MFP-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield		
	MDCM-4MFPS-**	Yellow PVC AWM With Foil Shield 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

4 Pole females will have all 5 contact holes in the connector.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5MFPX-1M becomes MDCM-5MFPX-1M-SS)



Male - Female Extension

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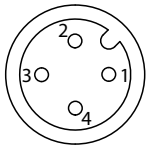
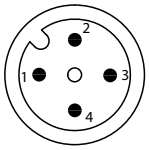
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 22AWG

Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED



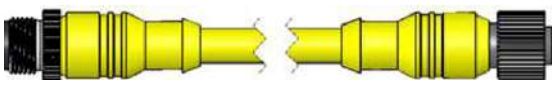
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCP-4MFP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDCPQ-4MFP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Coiled Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCW-4MFP-**	Yellow TPE AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Weld Slag Resistant TPE		
	MDCWF-4MFP-**	Black TPE AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

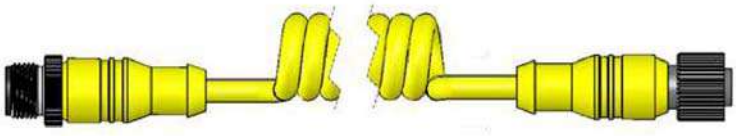
Females will have all 5 contact holes in the connector.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCP-4MFP-1M becomes MDCP-4MFP-1M-SS)



Male - Female Extension



Male - Female Coiled Extension

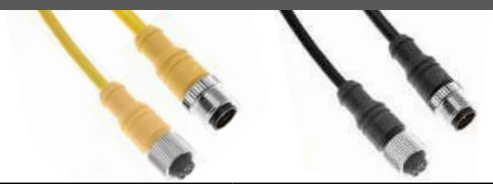
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Cordsets

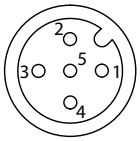
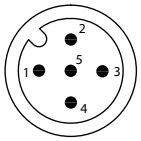
5 Conductor MDC Series Cordsets, 18/22AWG



Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating



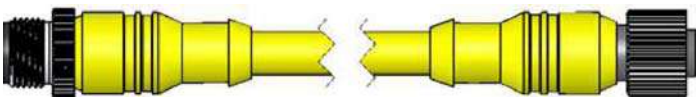
c UL us LISTED
(Unshielded Version)

Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-5MFPX-**	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12 x 1
	MDC-5MFP-**	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC		
	MDCM-5MFP-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield		
	MDCM-5MFPS-**	Yellow PVC AWM With Foil Shield 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-5MFP-**	Yellow PUR AWM 5 X 22 AWG 300V, 4A -40°C to +80°C 5.8mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDCWF-5MFP-**-B	Black TPE AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.2mm OD	Hi-Flex Weld Slag Resistant TPE		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5MFP-1M becomes MDC-5MFP-1M-SS)



Male - Female Extension

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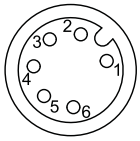
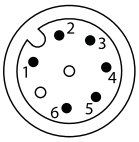
MDC (M12) Series Cordsets

6 Conductor MDC Series Cordsets, 24AWG

Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED
(Unshielded Version)

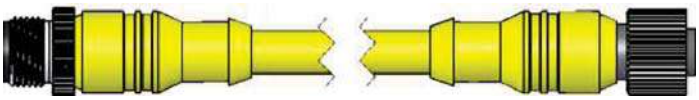


Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCM-6MFP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M12 x 1
	MDCM-6MFPS-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +80°C 5.8mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCM-6MFP-1M becomes MDCM-6MFP-1M-SS)



Male - Female Extension

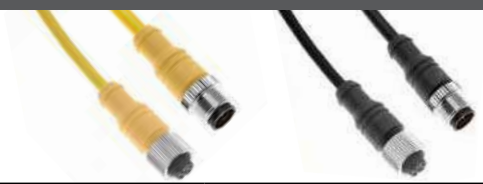
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Cordsets

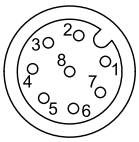
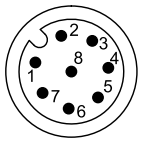
8 Conductor MDC Series Cordsets, 24AWG



Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating



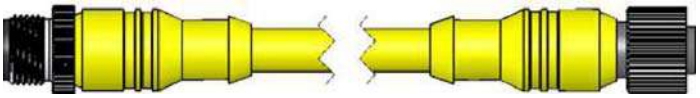
c UL us LISTED (Unshielded Version)

Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCM-8MFP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	 M12 x 1
	MDCM-8MFPS-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield to the Coupling Nut		
	MDCP-8MFP-**	Yellow PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shielded		
	MDCP-8MFPS-**	Yellow PUR AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield to the Coupling Nut		
	MDCW-8MFP-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield		
	MDCW-8MFPS-**	Yellow TPE AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 6mm OD	Weld Slag Resistant TPE Foil Shield to the Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5MFP-1M becomes MDC-5MFP-1M-SS)



Male - Female Extension

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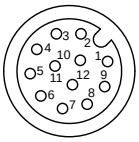
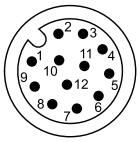


MDC (M12) Series Cordsets

12 Conductor MDC Series Cordsets, 24AWG

Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating

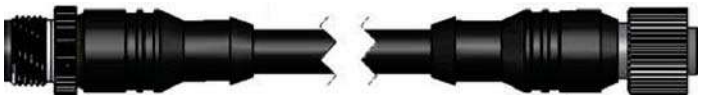


Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCM-12MFP-**-B	Black PVC AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +105°C 6.7mm OD	Industry Standard PVC Foil Shield	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	 M12 x 1
	MDCPM-12MFP-**-B	Black PUR AWM With Foil Shield 12 X 24 AWG 60V, 2A -40°C to +80°C 6.7mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCM-12MFP-1M-B becomes MDCM-12MFP-1M-B-SS)



Male - Female Extension

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Cordsets

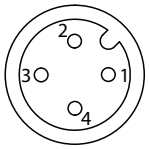
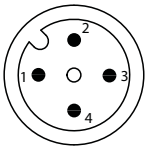
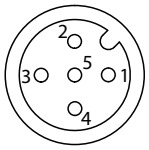
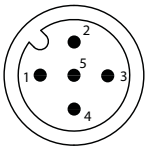
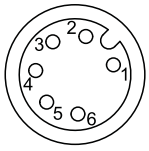
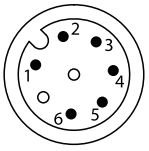
4, 5 & 6 Conductor MDC Series Cordsets, 22/24AWG



Double Ended Cordsets | Right Angle | 300V, 4A | 60V, 2A | IP69 (4 & 5 Pole), IP67 (6 Pole)



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Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-4MFP-**-R	B to D	Yellow PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDC-4MRFP-**	B to C				
	MDC-4MFRP-**	A to D				
 M12 x 1	MDC-5MFP-**-R	B to D	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12 x 1
	MDC-5MRFP-**	B to C				
	MDC-5MFRP-**	A to D				
 M12 x 1	MDCM-6MFP-**-R	B to D	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M12 x 1
	MDCM-6MRFP-**	B to C				
	MDCM-6MFRP-**	A to D				

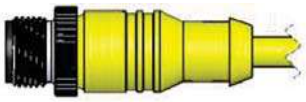
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

4 & 5 Pole females will have all 5 contact holes in the connector.

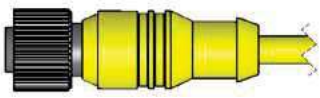
Black and gray cables are available on some versions, please consult the factory.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC--4MFRP-1M becomes MDC-4MFRP-1M-SS)

Figure A



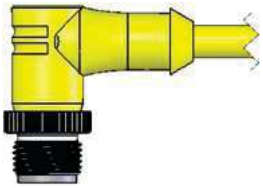
Straight Male Plug



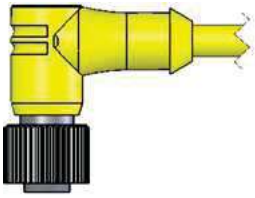
Straight Female Plug

Figure C

Figure B



Right Angle Male Plug



Right Angle Female Plug

Figure D

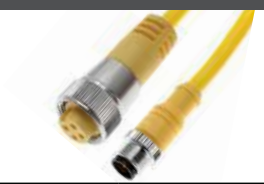
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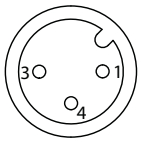
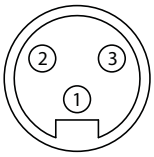
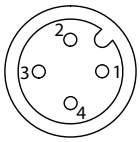
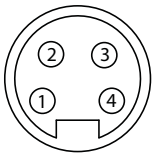
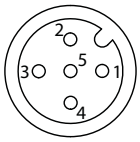
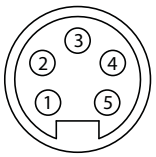


MDC (M12) to MIN (7/8”-16UN) Cordsets

3, 4 & 5 Conductor MDC Series Cordsets, 18AWG

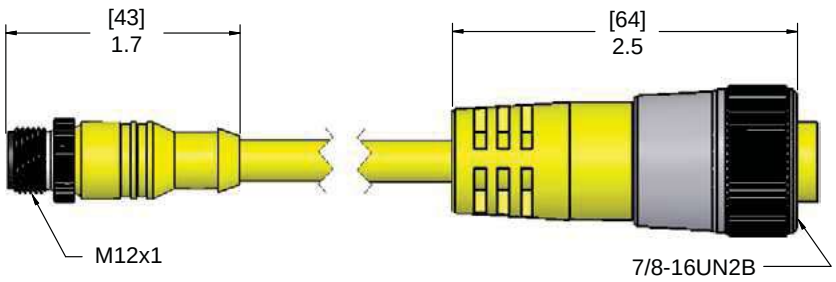
Double Ended Cordsets | Male MDC to Female MIN | 300 Volt, 4 amps | IP69 Rating



Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCIN-3MFPX-**	Yellow PVC AWM 3 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black 5. Not Used	 7/8”-16UN2
 M12 x 1	MDCIN-4MFPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 7/8”-16UN2
 M12 x 1	MDCIN-5MFPX-**	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 7/8”-16UN2

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MDCIN-5MFPX-1M becomes MDCIN-5MFPX-1M-SS)



MDC Male - MIN Female Extension

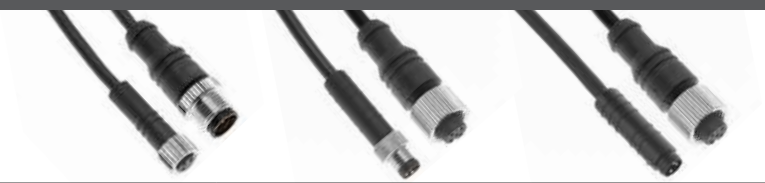
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

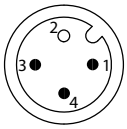
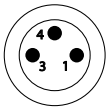
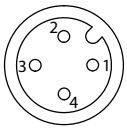
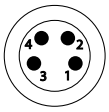
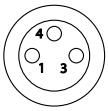
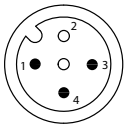
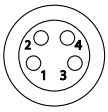
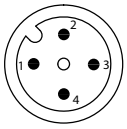
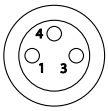
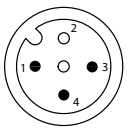
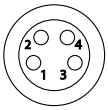
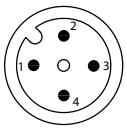
MDC (M12) to NAN (M8) Cordsets

3 & 4 Conductor MDC Series Cordsets, 24AWG



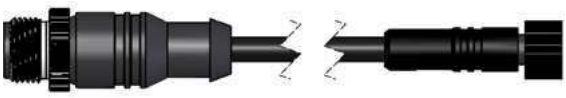
Double Ended Cordsets | 60 Volt, 4 amps | IP67 Rating



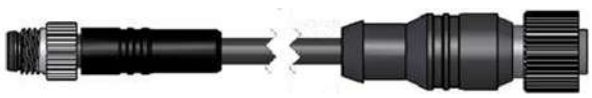
Male Faceview	Part Number	Cables	Features	Wiring	Female Faceview
Male MDC to Threaded Female NAN					
 M12 x 1	MDNT-3MFP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1 to 1 3 to 3 4 to 4	 M8 x 1
 M12 x 1	MDNT-4MFP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Industry Standard PVC	1 to 1 2 to 2 3 to 3 4 to 4	 M8 x 1
Threaded Male NAN to Female MDC					
 M8 x 1	NANTDC-3MFP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1 to 1 3 to 3 4 to 4	 M12 x 1
 M8 x 1	NANTDC-4MFP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Industry Standard PVC	1 to 1 2 to 2 3 to 3 4 to 4	 M12 x 1
Snap-On Male NAN to Female MDC					
 M8 x 1	NANDC-3MFP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1 to 1 3 to 3 4 to 4	 M12 x 1
 M8 x 1	NANDC-4MFP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Industry Standard PVC	1 to 1 2 to 2 3 to 3 4 to 4	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. NANDC-4MFP-1M becomes NANDC-4MFP-1M-SS)



Male MDC to Threaded Female NAN Extension



Threaded Male NAN to Female MDC Extension



Snap-On Male NAN to Female MDC Extension

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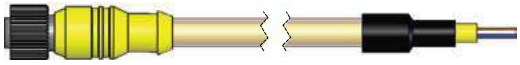
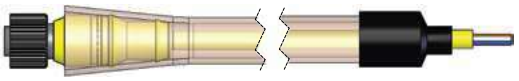


MDC (M12) Series Armored Cables

Connectivity Solutions for Harsh & Rugged Environments

Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A02	Stainless Steel with Discrete Wires	Crush, Corrosion and Abrasion Resistant
	A02T	Stainless Steel with Teflon Discrete Wires	Crush, Corrosion and Abrasion Resistant Hi-Temperature Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush and Abrasion Resistant
	A04	PVC Covered Stainless Steel with Discrete Wires	Water Tight Crush and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MDC-5FP-6 becomes MDC-5FP-6-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments.
- Connectorize to make faster installation and future repairs.

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...



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MDC (M12) Series Field Wireable Plugs

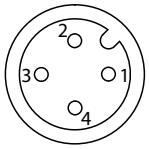
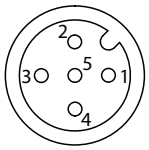
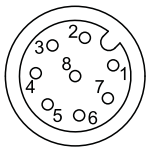
4, 5 & 8 Conductor MDC Series Field Wireable Plugs, 18-24/20-24AWG



Field Wireable Plugs | PG7 & PG9 Threads | IP67 Rating



c UL us LISTED

# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-4MP-FW07	MDC-4MP-FW07-R	MDC-4FP-FW07	MDC-4FP-FW07-R
		18-24 AWG 250V 4A	4-8 mm	MDC-4MP-FW09	MDC-4MP-FW09-R	MDC-4FP-FW09	MDC-4FP-FW09-R
5	 M12 x 1	18-24 AWG 125V 4A	3-6.5 mm	MDC-5MP-FW07	MDC-5MP-FW07-R	MDC-5FP-FW07	MDC-5FP-FW07-R
		18-24 AWG 125V 4A	4-8 mm	MDC-5MP-FW09	MDC-5MP-FW09-R	MDC-5FP-FW09	MDC-5FP-FW09-R
8	 M12 x 1	20-24 AWG 60V 2A	3-6.5 mm	MDC-8MP-FW07	MDC-8MP-FW07-R	MDC-8FP-FW07	MDC-8FP-FW07-R
		20-24 AWG 60V 2A	4-8 mm	MDC-8MP-FW09	MDC-8MP-FW09-R	MDC-8FP-FW09	MDC-8FP-FW09-R

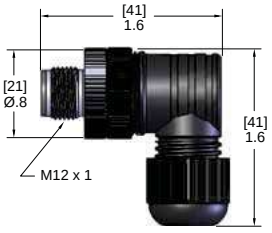
These connectors are easily wired by inserting the individual wires into the screw terminal contacts.

The connectors are water tight to IP67 and are fully mate-able with other M12 style connectors.

Male Field Wireable Plugs



Male Straight

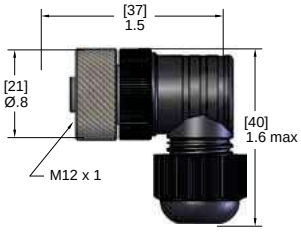


Male Right Angle

Female Field Wireable Plugs



Female Straight



Female Right Angle

Specifications:

Body:	Black Polyamide
Insulator:	Black Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Seal:	NBR
Temperature:	-25°C to +85°C (-13°F to +185°F)

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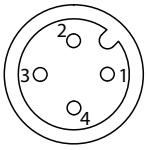
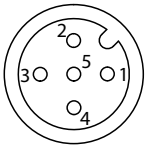
MDC (M12) Series Field Wireable Plugs

4 & 5 Conductor MDC Series Field Wireable Plugs, 18-24v

Field Wireable Plugs | PG7 & PG9 Threads | Stainless Steel | IP67 Rating

c UL us LISTED



# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-4MP-FW07-SS	MDC-4MP-FW07-R-SS	MDC-4FP-FW07-SS	MDC-4FP-FW07-R-SS
		18-24 AWG 250V 4A	4-8 mm	MDC-4MP-FW09-SS	MDC-4MP-FW09-R-SS	MDC-4FP-FW09-SS	MDC-4FP-FW09-R-SS
5	 M12 x 1	18-24 AWG 125V 4A	3-6.5 mm	MDC-5MP-FW07-SS	MDC-5MP-FW07-R-SS	MDC-5FP-FW07-SS	MDC-5FP-FW07-R-SS
		18-24 AWG 125V 4A	4-8 mm	MDC-5MP-FW09-SS	MDC-5MP-FW09-R-SS	MDC-5FP-FW09-SS	MDC-5FP-FW09-R-SS

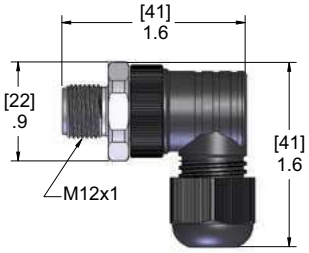
These connectors are easily wired by inserting the individual wires into the screw terminal contacts.

The connectors are water tight to IP67 and are fully mate-able with other M12 style connectors.

Male Field Wireable Plugs



Male Straight

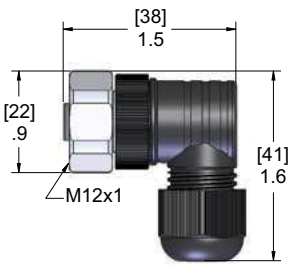


Male Right Angle

Female Field Wireable Plugs



Female Straight



Female Right Angle

Specifications:

Body:	Black Polyamide
Insulator:	Black Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Stainless Steel
Seal:	NBR
Temperature:	-25°C to +85°C (-13°F to +185°F)

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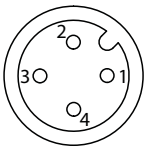
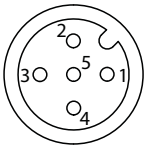
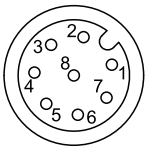
MDC (M12) Series Field Wireable Plugs

4, 5 & 8 Conductor MDC Series Field Wireable Plugs, 18-24/20-24AWG



Straight Field Wireable Plugs | Multi-Hole Grommets | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	5 - 10 mm	MDC-4MP-FW11	MDC-4FP-FW11
				4.5 - 5.5 mm x 2*	MDC-4MP-FW11-2x5	MDC-4FP-FW11-2x5
				4-5 mm x 2*	MDC-4MP-FW11-2x4.5	MDC-4FP-FW11-2x4.5
				3.5 - 4.5 mm x 2*	MDC-4MP-FW11-2x4	MDC-4FP-FW11-2x4
				2.5 - 3.5 mm x 2*	MDC-4MP-FW11-2x3	MDC-4FP-FW11-2x3
5	 M12 x 1	125V 4A	18-24 AWG	5 - 10 mm	MDC-5MP-FW11	MDC-5FP-FW11
				4.5 - 5.5 mm x 2*	MDC-5MP-FW11-2x5	MDC-5FP-FW11-2x5
				4-5 mm x 2*	MDC-5MP-FW11-2x4.5	MDC-5FP-FW11-2x4.5
				3.5 - 4.5 mm x 2*	MDC-5MP-FW11-2x4	MDC-5FP-FW11-2x4
				2.5 - 3.5 mm x 2*	MDC-5MP-FW11-2x3	MDC-5FP-FW11-2x3
8	 M12 x 1	60V 2A	20-24 AWG	5 - 10 mm	MDC-8MP-FW11	MDC-8FP-FW11
				4.5-5.5 mm x 2*	MDC-8MP-FW11-2x5	MDC-8FP-FW11-2x5
				4 - 5 mm x 2*	MDC-8MP-FW11-2x4.5	MDC-8FP-FW11-2x4.5
				3.5 - 4.5 mm x 2*	MDC-8MP-FW11-2x4	MDC-8FP-FW11-2x4
				2.5 - 3.5 mm x 2*	MDC-8MP-FW11-2x3	MDC-8FP-FW11-2x3

* These part numbers have a two hole grommet that allows two different cables to be installed into one field wireable connector.
These connectors are easily wired by inserting the individual wires into the screw terminal contacts. The connectors are water tight to IP 67 and are fully mate-able with other "Micro DC" style connectors. Other multi-hole grommets are available for the PG11 version, please consult the factory for part number and availability. Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix.

Nickel Plated Brass Version

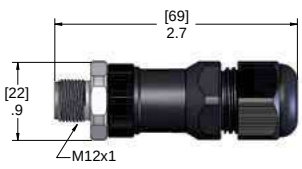


Male Straight



Female Straight

Stainless Steel Version



Male Straight



Female Straight

Specifications:

Body:	Black Polyamide
Insulator:	Black Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass / Stainless Steel
Seal:	NBR
Temperature:	-25°C to +85°C (-13°F to +185°F)

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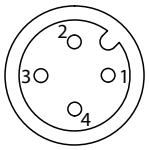
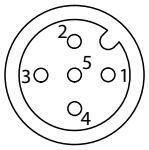
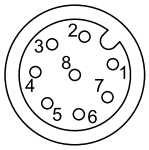


MDC (M12) Series Field Wireable Plugs

4, 5 & 8 Conductor MDC Series Field Wireable Plugs, 18-24/20-24AWG

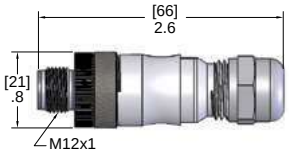
Straight Field Wireable Plugs | Shielded | IP67 Rating



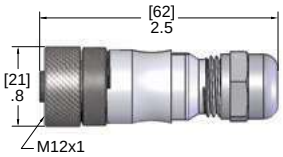
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	3-9 mm	MDCM-4MP-FW	MDCM-4FP-FW
5	 M12 x 1	125V 4A	18-24 AWG	3-9 mm	MDCM-5MP-FW	MDCM-5FP-FW
8	 M12 x 1	60V 2A	20-24AWG	6-8 mm	MDCM-8MP-FW	MDCM-8FP-FW

These connectors are easily wired by inserting the individual wires into the screw terminal contacts.
The connectors are water tight to IP 67 and are fully mateable with other "Micro DC" style connectors.

4 & 5 Pole Version

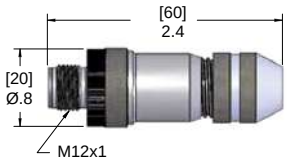


Male Straight



Female Straight

8 Pole Version



Male Straight



Female Straight



Specifications:

Body:	Nickel Plated Brass	Coupling Nut:	Nickel Plated Brass
Insulator:	Black Polyamide	Seal:	NBR
Contacts:	Copper Alloy with Gold Plating	Temperature:	-25°C to +85°C (-13°F to +185°F)

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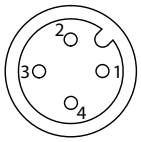
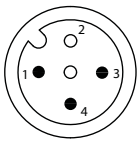
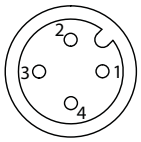
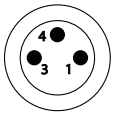
MDC (M12) Series “Y” Connectors

3 Conductor MDC Series “Y” Connector, 22/24AWG



Male to Two Female “Y” Cordsets | 60 Volt, 4 amps | IP67 Rating



Male Faceview	Part Number	Figure	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-3YFF-**	1	Yellow PVC AWM 3 X 22 AWG -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M12 x 1
	MDC-3Y-**	3	Yellow PVC AWM 3 X 22 AWG -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	N/A
 M12 x 1	MDNT-3YFF-**	2	Black PVC AWM 3 X 24 AWG -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Females will have all 5 contact holes in the connector.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MDC-3YFF-1M becomes MDC-3YFF-1M-SS)

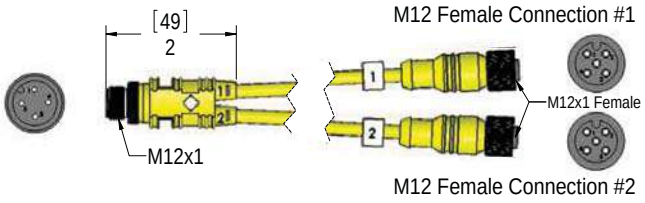


Figure 1

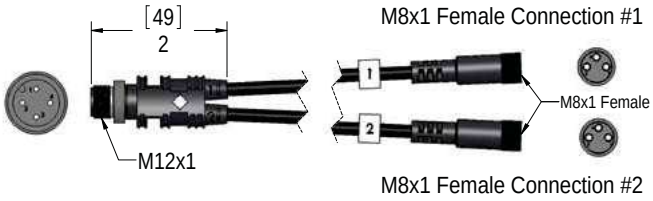


Figure 2

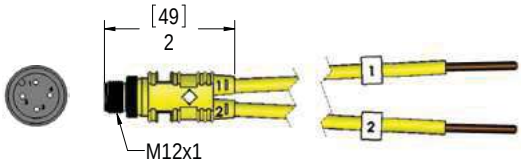
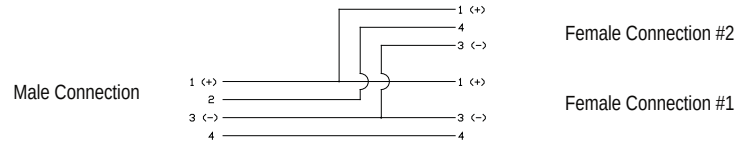


Figure 3



H

Micro-DC (M12) Series Cordsets

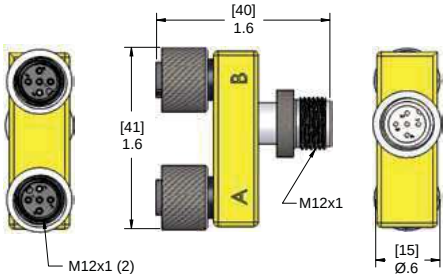
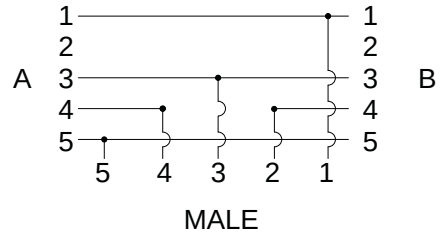
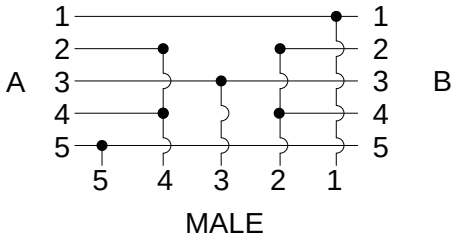
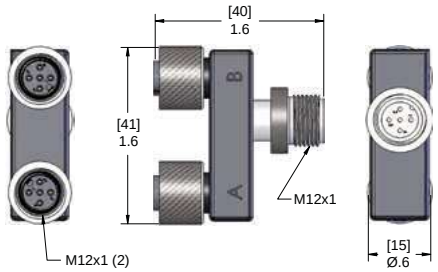
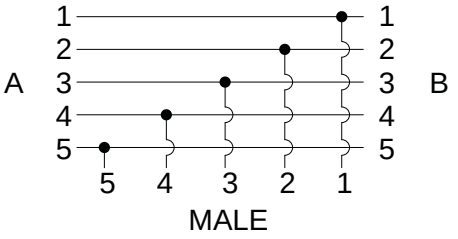
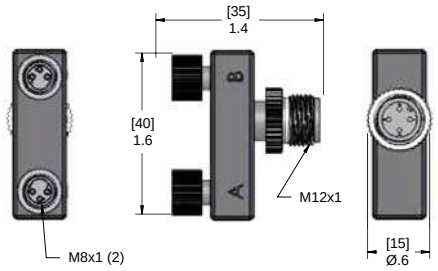
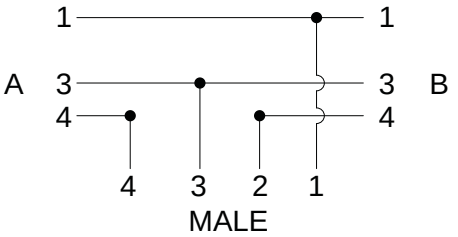
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MDC (M12) Series Splitters

3, 4 &5 Conductor MDC Series Splitters

Splitters | 300 Volt, 4 amps | 60 Volt, 3 amps | IP67 Rating

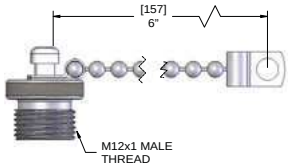
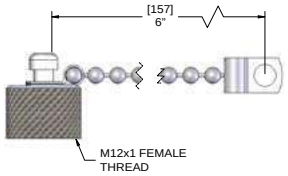
Housing Style	Rating	Part Number	Circuit
	300V 4A	MDC-44YFF	
	300V 4A	MDC-45YFF	
	300V 4A	MDC-55YFF	
	60V 3A	MDNT-43YFF-B	

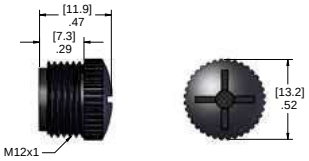
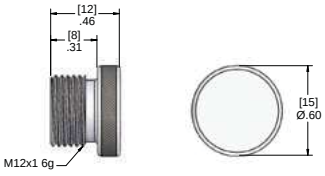
Specifications:

Body:	Industry Standard PVC
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
O-Ring:	BUNA-A
Temperature:	-40°C to +105°C (-40°F to +221°F)

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Closure Caps				
Closure Style	**Part Number**	**Material**	**Threads**	**Mounting Hole Size**
	MDC -PLUG	Nickel Plated Brass	Male	0.170”
	MDC-CAP	Nickel Plated Brass	Female	0.170”

Closure Plugs			
Closure Style	**Part Number**	**Material**	**Threads**
	MDC-PLUG-PA	Black Polyamide	Male
	MDC-SB-PLUG	Nickel Plated Brass	Male



MDC (M12) Series Accessories

2, 3 & 4 Conductor MDC Series Accessory Cables

MENCOM CORPORATION

100’ Cables | Raw Cable Spools

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
2	Brown Blue	20 AWG	300V	PVC AWM 5mm OD (0.20” OD)	Yellow	MDC-2CBL-C	30A0001-*
3	Brown Blue Black	22 AWG	300V	PVC AWM 5mm OD (0.20” OD)	Yellow	MDC-3CBL-C	30B0001-*
					Black	MDC-3CBL-C-B	30BB001-*
				PVC AWM With Foil Shield 5mm OD (0.20” OD)	Yellow	MDCM-3CBL-C	30BM001-*
				PUR AWM 5mm OD (0.20” OD)	Yellow	MDCP-3CBL-C	30BP001-*
		18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MDC-3CBLX-C	30BX001-*
4	Brown White Blue Black	22 AWG	300V	PVC AWM 5mm OD (0.20” OD)	Yellow	MDC-4CBL-C	30C0001-*
					Black	MDC-4CBL-C-B	30CB001-*
				PVC AWM With Foil Shield 5mm OD (0.20” OD)	Yellow	MDCM-4CBL-C	30CM001-*
				PUR AWM 5mm OD (0.20” OD)	Yellow	MDCP-4CBL-C	30CP001-*
				TPE AWM 5mm OD (0.20” OD)	Yellow	MDCW-4CBL-C	30CW001-*
				Hi-Flex TPE AWM 5mm OD (0.20” OD)	Black	MDCWF-4CBL-C-B	30CWFB1-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MDC (M12) Series Accessories

4, 5 & 6 Conductor MDC Series Accessory Cables



# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
4	Brown White Blue Black	18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MDC-4CBLX-C	30CX001-*
					Black	MDC-4CBLX-C-B	30CXB01-*
				PUR AWM 7.4mm OD (0.29” OD)	Yellow	MDCP-4CBLX-C	30CXP01-*
				TPE AWM 7.4mm OD (0.29” OD)	Yellow	MDCW-4CBLX-C	30CWX01-*
5	Brown White Blue Black Gray	22 AWG	300V	PVC AWM 5.8mm OD (0.22” OD)	Yellow	MDC-5CBL-C	30D0001-*
					Black	MDC-5CBL-C-B	30DB001-*
				PVC AWM With Foil Shield 5.8mm OD (0.22” OD)	Yellow	MDCM-5CBL-C	30DM001-*
				PUR AWM 5.8mm OD (0.22” OD)	Yellow	MDCP-5CBL-C	30DP001-*
				Hi-Flex TPE AWM 5.2mm OD (0.21” OD)	Black	MDCWF-5CBL-C-B	30DWFB1-*
		18 AWG	300V	PVC AWM 7.4mm OD (0.29” OD)	Yellow	MDC-5CBLX-C	30DX001-*
					Black	MDC-5CBLX-C-B	30DXB01-*
6	White Brown Green Yellow Gray Pink	24 AWG	300V	PVC With Foil Shield AWM 5.8mm OD (0.22” OD)	Yellow	MDCM-6CBL-C	30EM001-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MDC (M12) Series Accessories

8, 10 & 12 Conductor MDC Series Accessory Cables

100’ Cables | Raw Cable Spools

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Jacket Color	Part Number	
						100’ Cable	Spool
8	White Brown Green Yellow Gray Pink Blue Red	24 AWG	600V	PVC AWM With Foil Shield 6mm OD (0.24” OD)	Yellow	MDCM-8CBL-C	30GM001-*
			300V	PUR AWM With Foil Shield 6mm OD (0.24” OD)	Yellow	MDCP-8CBL-C	30GMP01-*
					Black	MDCP-8CBL-C-B	30GMPB1-*
				TPE AWM 6mm OD (0.24” OD)	Yellow	MDCW-8CBL-C	30GMW01-*
10	White Brown Green Yellow Gray Pink Blue Red Orange Tan	24 AWG	300V	PUR AWM With Foil Shield 6.7mm OD (0.26” OD)	Black	MDCPM-10CBL-C-B	30KMPB1-*
12	White Brown Green Yellow Gray Pink Blue Red Orange Tan Black Violet	24 AWG	300V	PVC AWM With Foil Shield 6.7mm OD (0.26” OD)	Black	MDCM-12CBL-C-B	30KMB01-*
				PUR AWM With Foil Shield 6.7mm OD (0.26” OD)	Black	MDCPM-12CBL-C-B	30KMPB1-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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MDC (M12) Series Receptacles

MDC Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MDC ☐ - ☐ ☐ - ☐ - ☐ - ☐ - ☐ - ☐☐ - ☐

Style

Blank = No Ground Tab
M = Ground Tab

Number of Conductors

2
3
4
5
6
8
10
12

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle
MFR = Male - Female Through Panel Receptacle

Mounting Style

2 = Front Mount 1/2”-14 NPT
4 = Front Mount 1/4”-18 NPT
PG7 = Front Mount PG 7 Threads
PG9 = Front Mount PG 9 Threads
FLPG9 = Front Locking PG 9 Threads
PG11 = Front Mount PG 11 Threads
PG13.5 = Front Mount PG 13.5 Threads
M14 = Front Mount Metric 14 Threads
M16 = Front Mount Metric 16 Threads
FLM16 = Front Locking M16 Threads
M20 = Front Mount Metric 20 Threads
BM = Back Mount
PM = Panel Mount
TM = Through Panel Mount

Termination Type

Blank = Pre-Wired
SC = Solder Cup
PCB = PCB Mount

Length in Meters

Blank = 1’

Wire AWG

Blank = 22/24 AWG
18 = 18 AWG

R/A or Straight

Blank = Straight
R = Right Angle

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel
N = Nylon
PASW = Plastic

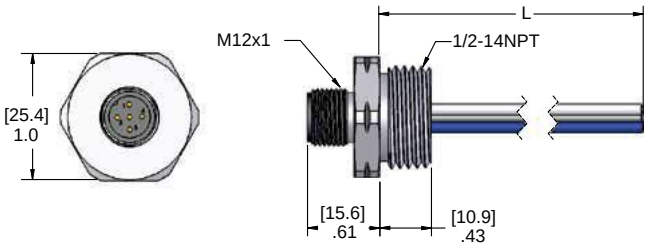
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MDC (M12) Series Receptacles

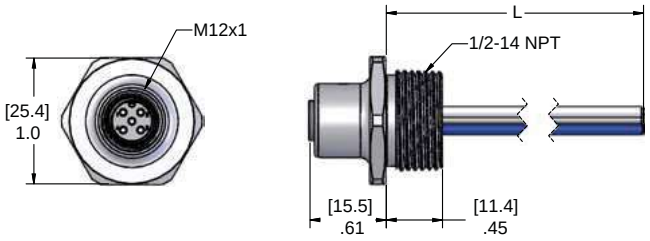
MDC Series Receptacle Index

Front Mount

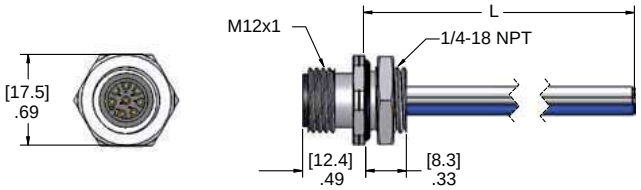
Front Mount, Male, 1/2"-14 NPT Page H-51 ~ H-52



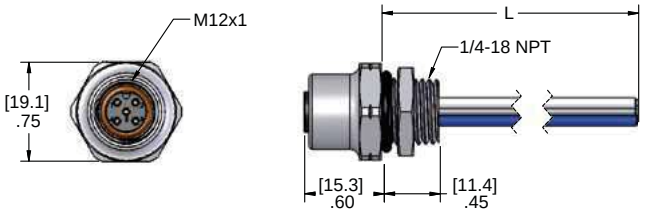
Front Mount, Female, 1/2"-14 NPT Page H-51 ~ H-52



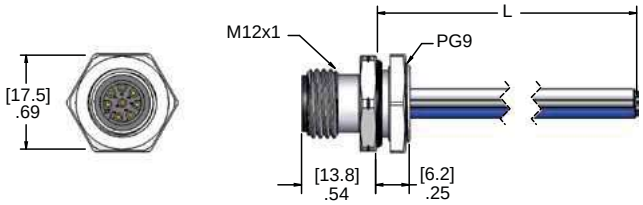
Front Mount, Male, 1/4"-18 NPT Page H-53 ~ H-54



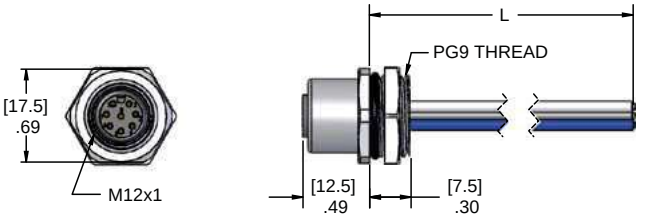
Front Mount, Female, 1/4"-18 NPT Page H-53 ~ H-54



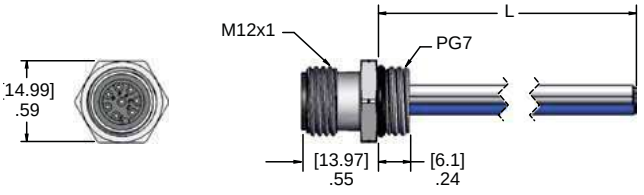
Front Mount, Male, PG9 Thread Page H-55 ~ H-57



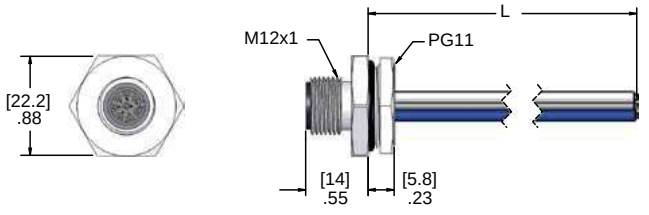
Front Mount, Female, PG9 Thread Page H-55 ~ H-57



Front Mount, Male, PG7 Thread Page H-55 ~ H-56



Front Mount, Male, PG11 Thread Page H-55 ~ H-57



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Front Mount, Male, PG13.5 Thread Page H-55 ~ H-57

Front Mount, Male, M14 Thread Page H-58 ~ H-60

Front Mount, Male, M16 Thread Page H-58 ~ H-60

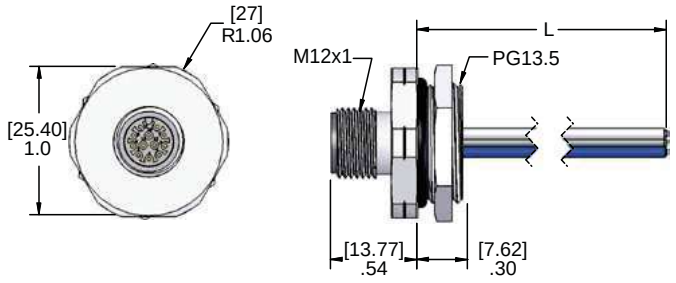
Front Mount, Female, M16 Thread Page H-58 ~ H-60

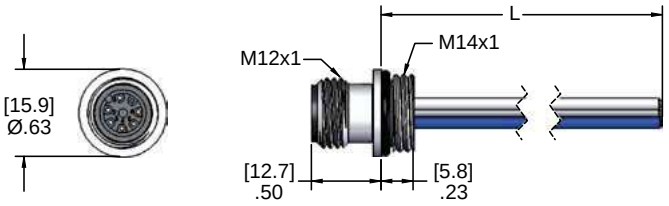
Front Mount, Male, M20 Thread Page H-58 ~ H-60

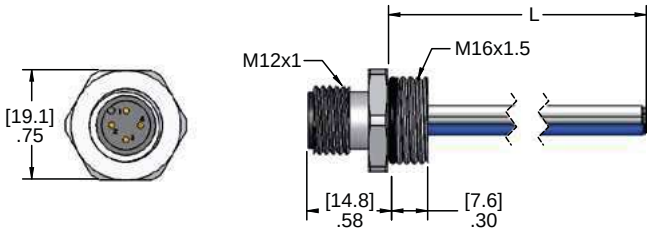
Front Mount, Female, M20 Thread Page H-58 ~ H-60

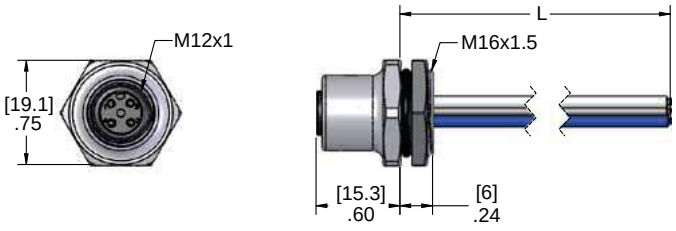
Front Mount, Front Lock Nut, Male, PG9 Page H-61 ~ H-62

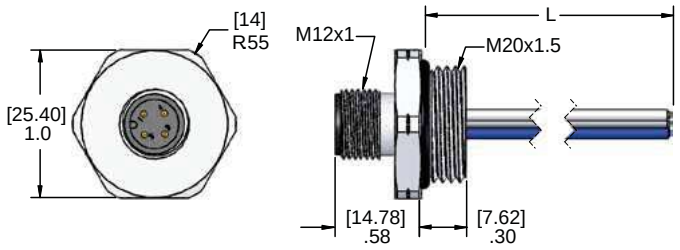
Front Mount, , Front Lock Nut, Female, PG9 Page H-61 ~ H-62

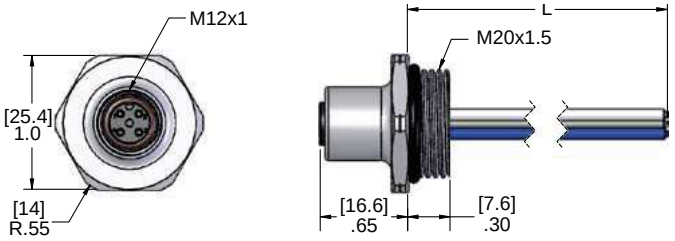


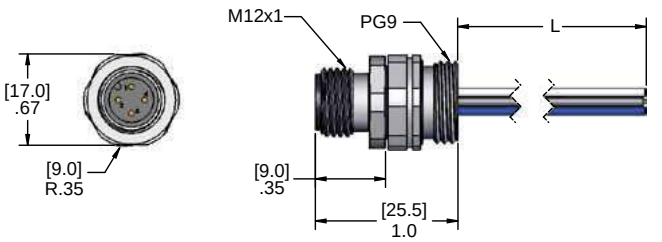


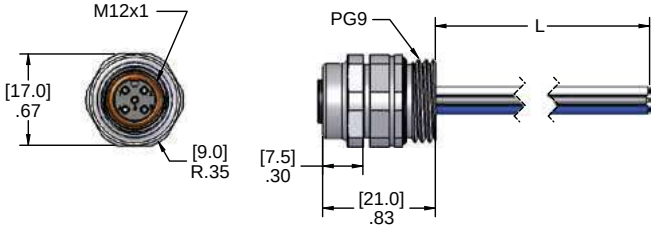










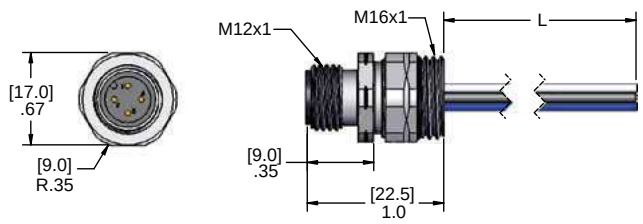


MDC (M12) Series Receptacles

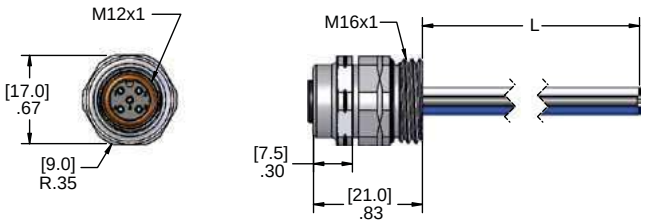
MDC Series Receptacle Index

Front Mount | Front Mount Solder Cup | PCB Mount

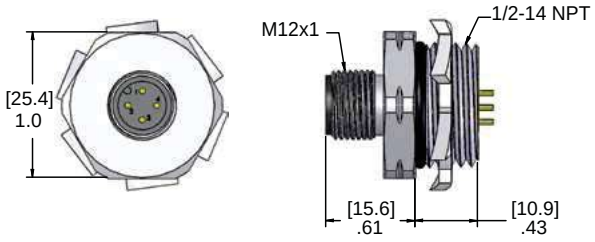
Front Mount, Front Lock Nut, Male, M16 Page H-61 ~ H-62



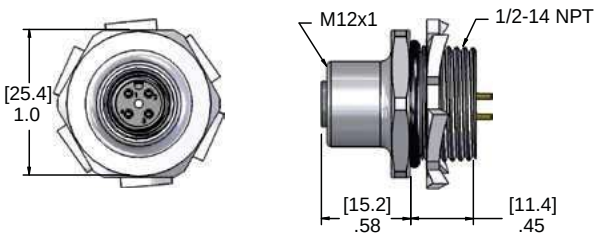
Front Mount, Front Lock Nut, Female, M16 Page H-61 ~ H-62



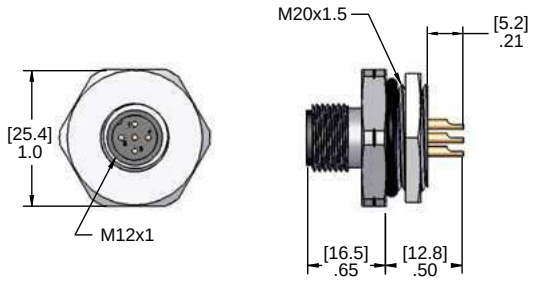
Front Mount, Male, 1/2"-14NPT, Solder Cup Page H-63 ~ H-64



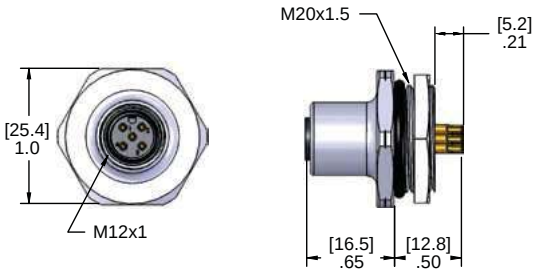
Front Mount, Female, 1/2"-14NPT, Solder Cup Page H-63 ~ H-64



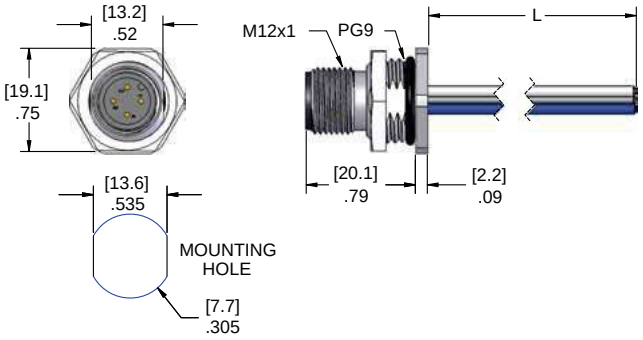
Front Mount, Male, M20, Solder Cup Page H-63 ~ H-64



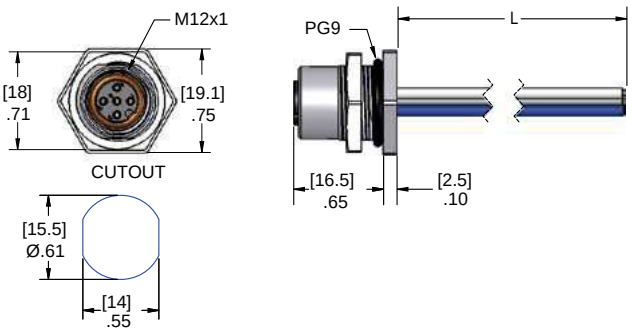
Front Mount, Female, M20, Solder Cup Page H-63 ~ H-64



Back Mount, Male, PG9 Thread6 Page H-65 ~ H-66



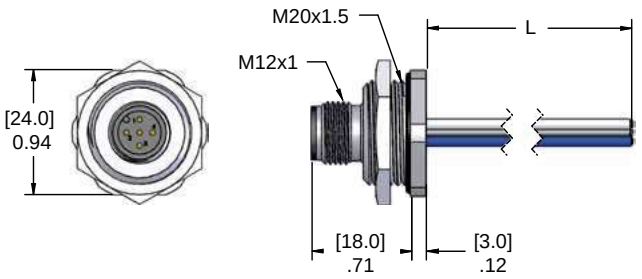
Back Mount, Female, PG9 Thread Page H-65 ~ H-66



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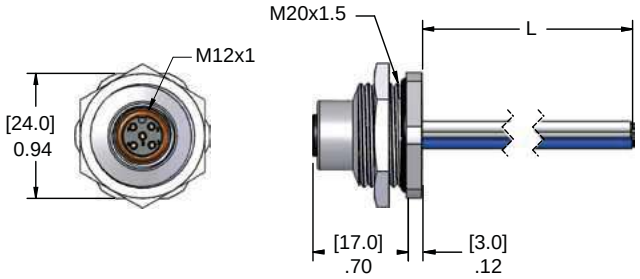
Back Mount, Male, M20 Thread

Page H-65 ~ H-66



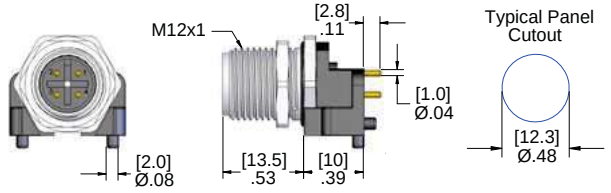
Back Mount, Female, M20 Thread

Page H-65 ~ H-66



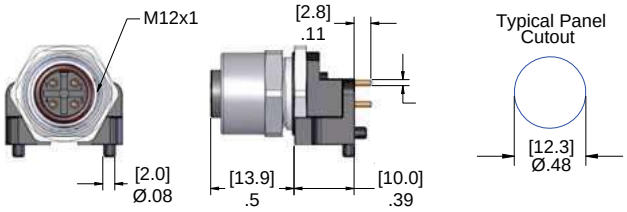
PCB Mount, Male, Straight

Page H-67 ~ H-69



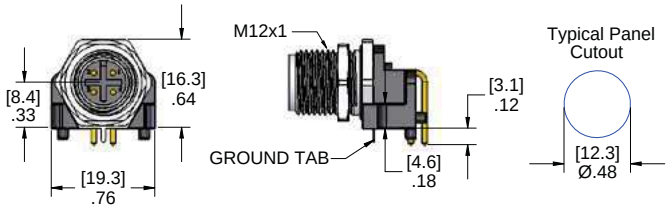
PCB Mount, Female, Straight

Page H-67 ~ H-69



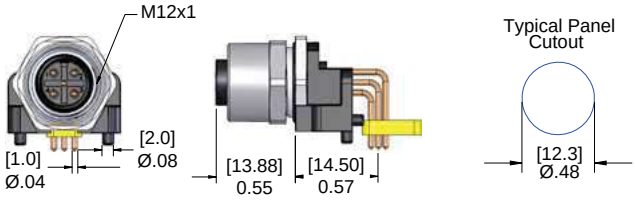
PCB Mount, Male, Right Angle

Page H-67 ~ H-69



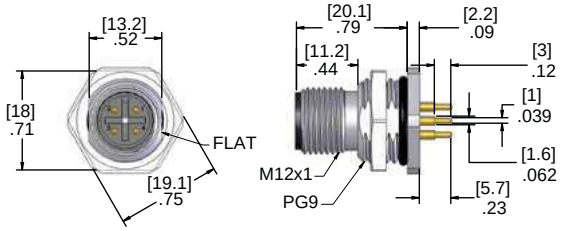
PCB Mount, Male, Right Angle

Page H-67 ~ H-69



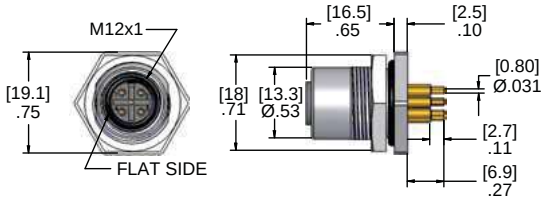
PCB Back Mount, Male

Page H-70

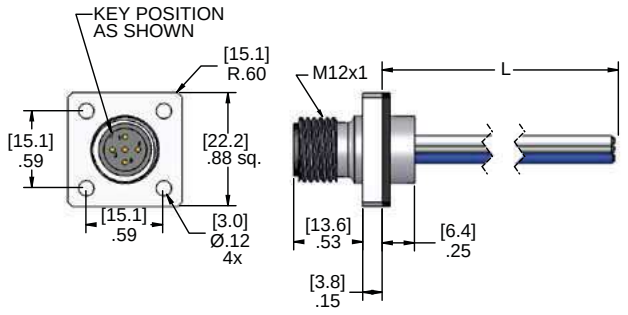


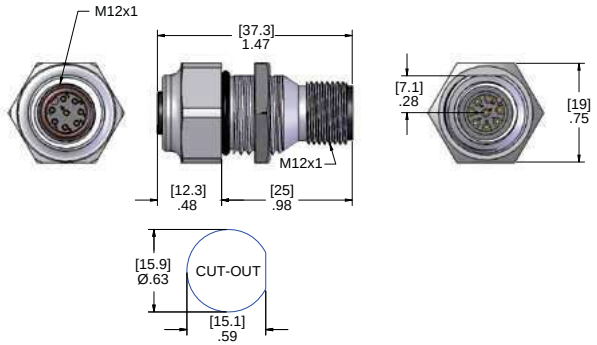
PCB Back Mount, Female

Page H-70



Panel Mount, Male	Page H-71 ~ H-72	**Through Panel Mount, Male to Female**	Page H-73





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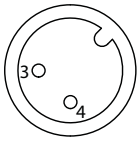
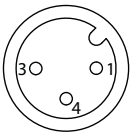
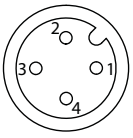
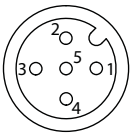
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



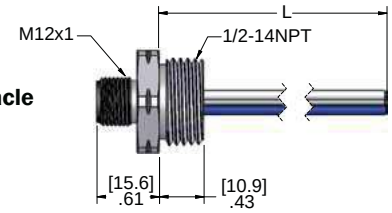
Front Mount Receptacles | 1/2”-14 NPT Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

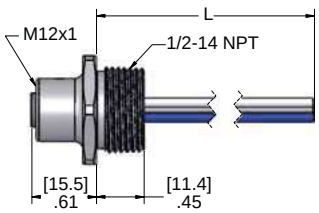
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Aluminum		Stainless Steel	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	3. Brown 4. Blue	300V 4A	18 AWG	MDC-2MR-2-18	MDC-2FR-2-18	MDC-2MR-2-18-SS	MDC-2FR-2-18-SS
				22 AWG	MDC-2MR-2	MDC-2FR-2	MDC-2MR-2-SS	MDC-2FR-2-SS
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18 AWG	MDC-3MR-2-18	MDC-3FR-2-18	MDC-3MR-2-18-SS	MDC-3FR-2-18-SS
				22 AWG	MDC-3MR-2	MDC-3FR-2	MDC-3MR-2-SS	MDC-3FR-2-SS
4	 M12x1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18 AWG	MDC-4MR-2-18	MDC-4FR-2-18	MDC-4MR-2-18-SS	MDC-4FR-2-18-SS
				22 AWG	MDC-4MR-2	MDC-4FR-2	MDC-4MR-2-SS	MDC-4FR-2-SS
5	 M12x1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18 AWG	MDC-5MR-2-18	MDC-5FR-2-18	MDC-5MR-2-18-SS	MDC-5FR-2-18-SS
				22 AWG	MDC-5MR-2	MDC-5FR-2	MDC-5MR-2-SS	MDC-5FR-2-SS

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MDC-2MR-2 becomes MDC-2MR-2-G)
O-ring and lock nut are included on lead lengths of 15” or longer.

1/2” NPT Male Receptacle



1/2” NPT Female Receptacle



Specifications:

Shell:	Clear Anodized Aluminum/Stainless Steel
Insulator:	Polyamide
Wire:	18 & 22 AWG: 300V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40°C to 105°C (-40°F to +221°F)

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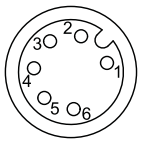
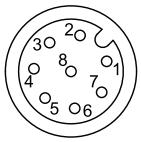
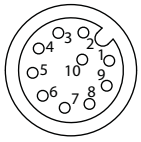
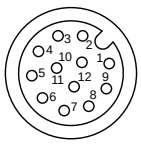


MDC (M12) Series Receptacles

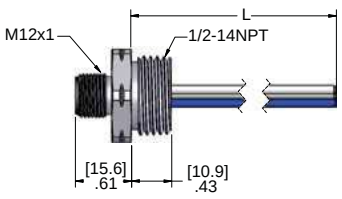
6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG

Front Mount Receptacles | 1/2”-14 NPT Threads | 60 Volt, 2 amps | IP67 Rating

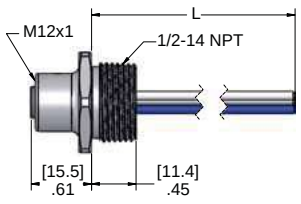
c UL us LISTED (6 & 8 Pole)

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Aluminum		Stainless Steel	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24 AWG	MDC-6MR-2	MDC-6FR-2	MDC-6MR-2-SS	MDC-6FR-2-SS
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24 AWG	MDC-8MR-2	MDC-8FR-2	MDC-8MR-2-SS	MDC-8FR-2-SS
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24 AWG	MDC-10MR-2	MDC-10FR-2	MDC-10MR-2-SS	MDC-10FR-2-SS
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24 AWG	MDC-12MR-2	MDC-12FR-2	MDC-12MR-2-SS	MDC-12FR-2-SS

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Use the suffix “-G’ to include lock nut and O-ring on receptacles with standard 12” leads or shorter. (e.g. MDC-6MR-2 becomes MDC-6MR-2-G)
O-ring and lock nut are included on lead lengths of 15” or longer.



1/2” NPT Male Receptacle



1/2” NPT Female Receptacle

Specifications:

Shell:	Clear Anodized Aluminum/Stainless Steel	O-Ring:	NBR
Insulator:	Polyamide	Lock Nut:	Zinc Plated Steel
Wire:	24 AWG: 60V, UL Style 1007/1569	Temperature:	-40°C to 105°C (-40°F to +221°F)
Contacts:	Copper Alloy with Gold Plating		

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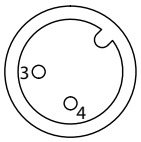
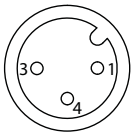
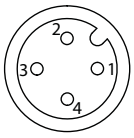
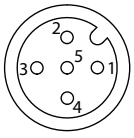
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



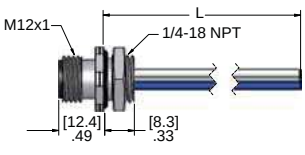
Front Mount Receptacles | 1/4”-18 NPT Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

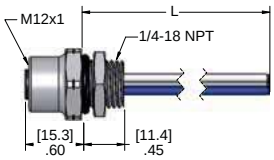
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Nickel Plated Brass		Stainless Steel	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	3. Brown 4. Blue	300V 4A	18 AWG	MDC-2MR-4-18	MDC-2FR-4-18	MDC-2MR-4-18-SS	MDC-2FR-4-18-SS
				22 AWG	MDC-2MR-4	MDC-2FR-4	MDC-2MR-4-SS	MDC-2FR-4-SS
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18 AWG	MDC-3MR-4-18	MDC-3FR-4-18	MDC-3MR-4-18-SS	MDC-3FR-4-18-SS
				22 AWG	MDC-3MR-4	MDC-3FR-4	MDC-3MR-4-SS	MDC-3FR-4-SS
4	 M12x1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18 AWG	MDC-4MR-4-18	MDC-4FR-4-18	MDC-4MR-4-18-SS	MDC-4FR-4-18-SS
				22 AWG	MDC-4MR-4	MDC-4FR-4	MDC-4MR-4-SS	MDC-4FR-4-SS
5	 M12x1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18 AWG	MDC-5MR-4-18	MDC-5FR-4-18	MDC-5MR-4-18-SS	MDC-5FR-4-18-SS
				22 AWG	MDC-5MR-4	MDC-5FR-4	MDC-5MR-4-SS	MDC-5FR-4-SS

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

1/4” NPT Nickel Plated Brass

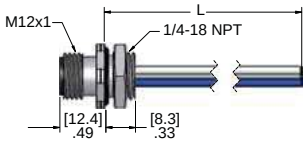


Male Receptacles

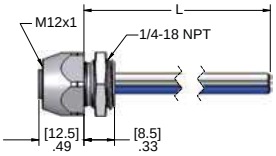


Female Receptacles

1/4” NPT Stainless Steel



Male Receptacles



Female Receptacles

Specifications:

Shell:	Nickel Plated Brass/Stainless Steel	Contacts:	Copper Alloy with Gold Plating
Insulator:	Polyamide	Jam Nut:	Nickel Plated Brass
Wire:	18 & 22 AWG: 300V, UL Style 1007/1569	O-Ring:	NBR
		Temperature:	-40°C to 105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

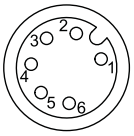
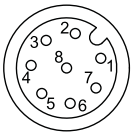
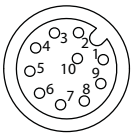
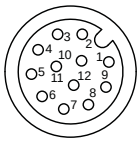


MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG

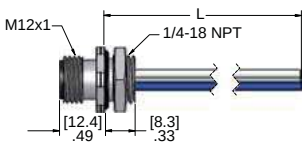
Front Mount Receptacles | 1/4”-18 NPT Threads | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED (6 & 8 Pole)

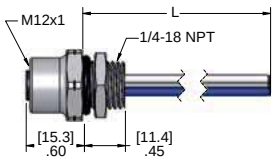
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Nickel Plated Brass		Stainless Steel	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24 AWG	MDC-6MR-4	MDC-6FR-4	MDC-6MR-4-SS	MDC-6FR-4-SS
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24 AWG	MDC-8MR-4	MDC-8FR-4	MDC-8MR-4-SS	MDC-8FR-4-SS
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24 AWG	MDC-10MR-4	MDC-10FR-4	MDC-10MR-4-SS	MDC-10FR-4-SS
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24 AWG	MDC-12MR-4	MDC-12FR-4	MDC-12MR-4-SS	MDC-12FR-4-SS

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

1/4” NPT Nickel Plated Brass

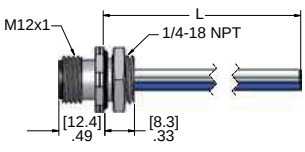


Male Receptacles

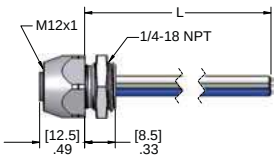


Female Receptacles

1/4” NPT Stainless Steel



Male Receptacles



Female Receptacles

Specifications:

Shell:	Nickel Plated Brass/ Stainless Steel
Insulator:	Polyamide
Wire:	24 AWG: 60V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

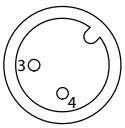
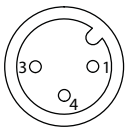
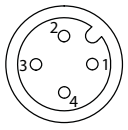
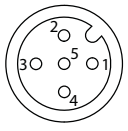
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



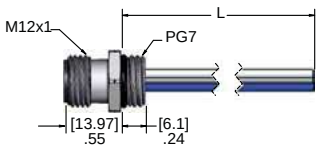
Front Mount Receptacles | PG Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

# of Poles	Male Facev-iew	Color Code	Rating	Wire AWG	Male Receptacles				Female Receptacles
					PG 7	PG 9	PG 11	PG 13.5	PG 9
2	 M12 x 1	3. Brown 4. Blue	300V 4A	18	MDC-2MR-PG7-18	MDC-2MR-PG9-18	MDC-2MR-PG11-18	MDC-2MR-PG13.5-18	MDC-2FR-PG9-18
				22	MDC-2MR-PG7	MDC-2MR-PG9	MDC-2MR-PG11	MDC-2MR-PG13.5	MDC-2FR-PG9
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18	MDC-3MR-PG7-18	MDC-3MR-PG9-18	MDC-3MR-PG11-18	MDC-3MR-PG13.5-18	MDC-3FR-PG9-18
				22	MDC-3MR-PG7	MDC-3MR-PG9	MDC-3MR-PG11	MDC-3MR-PG13.5	MDC-3FR-PG9
4	 M12 x 1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18	MDC-4MR-PG7-18	MDC-4MR-PG9-18	MDC-4MR-PG11-18	MDC-4MR-PG13.5-18	MDC-4FR-PG9-18
				22	MDC-4MR-PG7	MDC-4MR-PG9	MDC-4MR-PG11	MDC-4MR-PG13.5	MDC-4FR-PG9
5	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18	MDC-5MR-PG7-18	MDC-5MR-PG9-18	MDC-5MR-PG11-18	MDC-5MR-PG13.5-18	MDC-5FR-PG9-18
				22	MDC-5MR-PG7	MDC-5MR-PG9	MDC-5MR-PG11	MDC-5MR-PG13.5	MDC-5FR-PG9

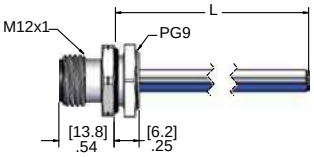
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless Steel is available, add a "-SS" suffix (e.g. MDC-5MR-PG11 becomes MDC-5MR-PG11-SS).

PG7



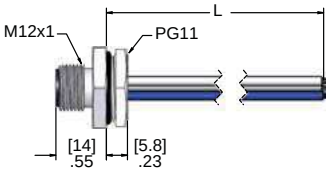
Male Receptacle

PG9



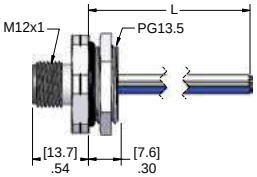
Male Receptacle

PG11

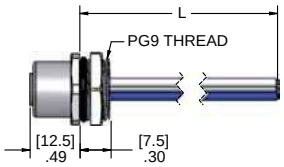


Male Receptacle

PG13.5



Male Receptacle



Female Receptacle

Specifications:

Shell:	PG7, PG9 & PG11: Nickel Plated Brass PG13.5: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
		Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	O-Ring:	NBR
Wire:	18, 22 AWG: 300V, UL Style 1007/1569	Temperature:	-40°C to 105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

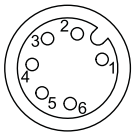
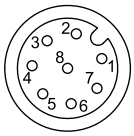


MDC (M12) Series Receptacles

6 & 8 Conductor MDC Series Receptacles, 24AWG

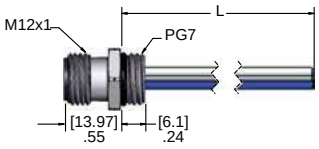
Front Mount Receptacles | PG Threads | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles				Female Receptacles
					PG 7	PG 9	PG 11	PG 13.5	PG 9
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-PG7	MDC-6MR-PG9	MDC-6MR-PG11	MDC-6MR-PG13.5	MDC-6FR-PG9
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24	MDC-8MR-PG7	MDC-8MR-PG9	MDC-8MR-PG11	MDC-8MR-PG13.5	MDC-8FR-PG9

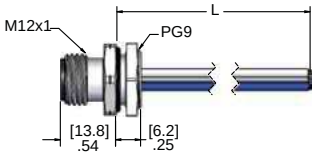
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless Steel is available, add a "-SS" suffix (e.g. MDC-5MR-PG11 becomes MDC-5MR-PG11-SS).

PG7



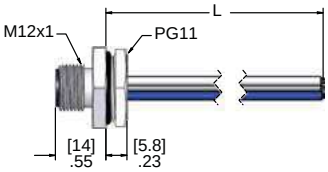
Male Receptacle

PG9



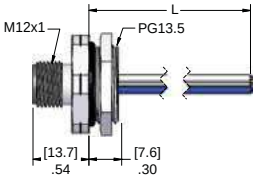
Male Receptacle

PG11

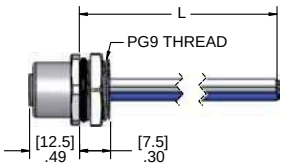


Male Receptacle

PG13.5



Male Receptacle



Female Receptacle

Specifications:

Shell:	PG7, PG9 & PG11: Nickel Plated Brass PG13.5: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
		Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	O-Ring:	NBR
Wire:	24 AWG: 300V, UL Style 1007/1569	Temperature:	-40°C to 105°C (-40°F to +221°F)

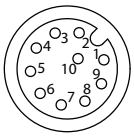
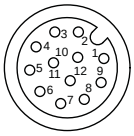
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Receptacles

10 & 12 Conductor MDC Series Receptacles, 24AWG

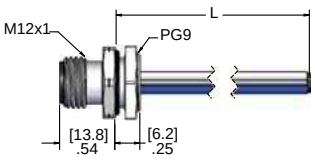


Front Mount Receptacles | PG Threads | 60 Volt, 2 amps | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles			Female Receptacles
					PG 9	PG 11	PG 13.5	PG 9
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24	MDC-10MR-PG9	MDC-10MR-PG11	MDC-10MR-PG13.5	MDC-10FR-PG9
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24	MDC-12MR-PG9	MDC-12MR-PG11	MDC-12MR-PG13.5	MDC-12FR-PG9

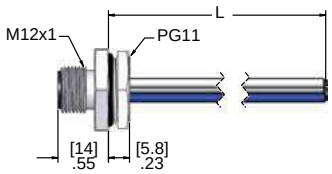
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless Steel is available, add a "-SS" suffix (e.g. MDC-5MR-PG11 becomes MDC-5MR-PG11-SS).

PG9



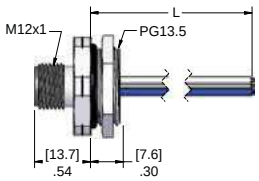
Male Receptacle

PG11

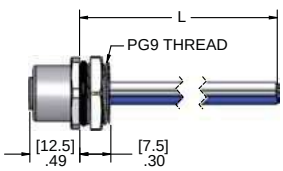


Male Receptacle

PG13.5



Male Receptacle



Female Receptacle

Specifications:

Shell:	PG9 & PG11: Nickel Plated Brass PG13.5: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
		Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	O-Ring:	NBR
Wire:	24 AWG: 300V, UL Style 1007/1569	Temperature:	-40°C to 105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

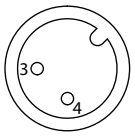
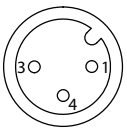
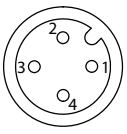
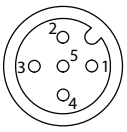


MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG

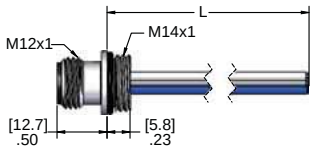
Front Mount Receptacles | Metric Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles			Female Receptacles	
					M14 x 1.0	M16 x 1.5	M20 x 1.5	M16 x 1.5	M20 x 1.5
2	 M12x1	3. Brown 4. Blue	300V 4A	18	MDC-2MR-M14-18	MDC-2MR-M16-18	MDC-2MR-M20-18	MDC-2FR-M16-18	MDC-2FR-M20-18
				22	MDC-2MR-M14	MDC-2MR-M16	MDC-2MR-M20	MDC-2FR-M16	MDC-2FR-M20
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18	MDC-3MR-M14-18	MDC-3MR-M16-18	MDC-3MR-M20-18	MDC-3FR-M16-18	MDC-3FR-M20-18
				22	MDC-3MR-M14	MDC-3MR-M16	MDC-3MR-M20	MDC-3FR-M16	MDC-3FR-M20
4	 M12x1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18	MDC-4MR-M14-18	MDC-4MR-M16-18	MDC-4MR-M20-18	MDC-4FR-M16-18	MDC-4FR-M20-18
				22	MDC-4MR-M14	MDC-4MR-M16	MDC-4MR-M20	MDC-4FR-M16	MDC-4FR-M20
5	 M12x1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18	MDC-5MR-M14-18	MDC-5MR-M16-18	MDC-5MR-M20-18	MDC-5FR-M16-18	MDC-5FR-M20-18
				22	MDC-5MR-M14	MDC-5MR-M16	MDC-5MR-M20	MDC-5FR-M16	MDC-5FR-M20

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

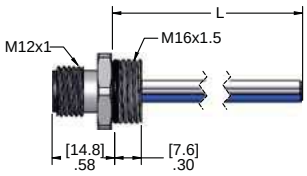
M14 Threads



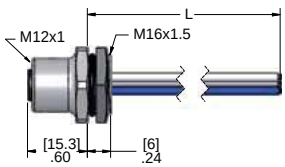
Male Receptacle

Female Receptacle

M16 Threads

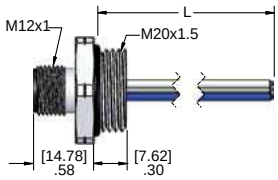


Male Receptacle

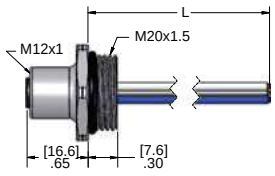


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell: M14 x 1.0: Nickel Plated Brass
M16 x 1.5: Nickel Plated Brass
M20 x 1.5: Clear Anodized Aluminum
Insulator: Polyamide
Wire: 18 & 22 AWG: 300V, UL Style 1007/1569

Contacts: Copper Alloy with Gold Plating
Jam Nut: Nickel Plated Brass
O-Ring: NBR
Temperature: -40°C to 105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

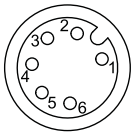
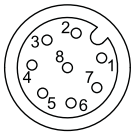
MDC (M12) Series Receptacles

6 & 8 Conductor MDC Series Receptacles, 24AWG



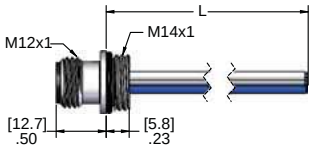
Front Mount Receptacles | Metric Threads | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles			Female Receptacles	
					M14 x 1.0	M16 x 1.5	M20 x 1.5	M16 x 1.5	M20 x 1.5
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-M14	MDC-6MR-M16	MDC-6MR-M20	MDC-6FR-M16	MDC-6FR-M20
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24	MDC-8MR-M14	MDC-8MR-M16	MDC-8MR-M20	MDC-8FR-M16	MDC-8FR-M20

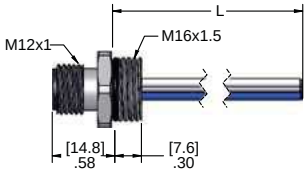
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

M14 Threads

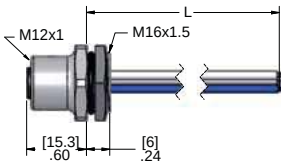


Male Receptacle

M16 Threads

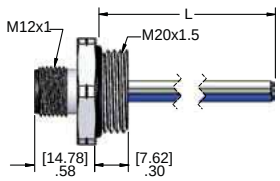


Male Receptacle

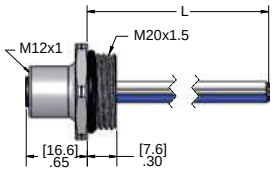


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell: M14 x 1.0: Nickel Plated Brass
M16 x 1.5: Nickel Plated Brass
M20 x 1.5: Clear Anodized Aluminum
Insulator: Polyamide
Wire: 24 AWG: 300V, UL Style 1007/1569

Contacts: Copper Alloy with Gold Plating
Jam Nut: Nickel Plated Brass
O-Ring: NBR
Temperature: -40ºC to 105ºC (-40ºF to +221ºF)

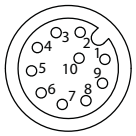
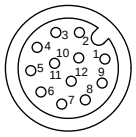
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



MDC (M12) Series Receptacles

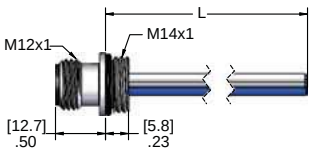
10 & 12 Conductor MDC Series Receptacles, 24AWG

Front Mount Receptacles | Metric Threads | 60 Volt, 2 amps | IP67 Rating

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles			Female Receptacles	
					M14 x 1.0	M16 x 1.5	M20 x 1.5	M16 x 1.5	M20 x 1.5
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24	MDC-10MR-M14	MDC-10MR-M16	MDC-10MR-M20	MDC-10FR-M16	MDC-10FR-M20
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24	MDC-12MR-M14	MDC-12MR-M16	MDC-12MR-M20	MDC-12FR-M16	MDC-12FR-M20

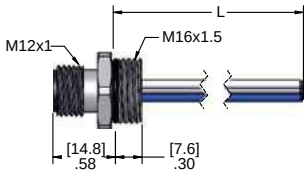
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

M14 Threads

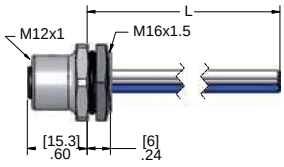


Male Receptacle

M16 Threads

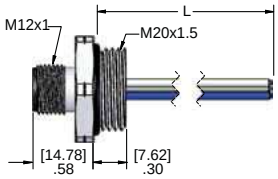


Male Receptacle

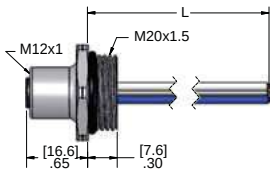


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell: M14 x 1.0: Nickel Plated Brass
M16 x 1.5: Nickel Plated Brass
M20 x 1.5: Clear Anodized Aluminum
Insulator: Polyamide
Wire: 24 AWG: 300V, UL Style 1007/1569

Contacts: Copper Alloy with Gold Plating
Jam Nut: Nickel Plated Brass
O-Ring: NBR
Temperature: -40°C to 105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Receptacles

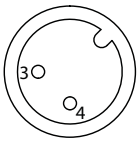
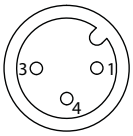
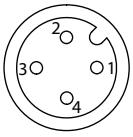
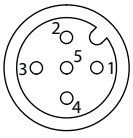
2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Front Mount Receptacles | Front Lock Nut | PG9 & M16 Threads | 300 Volt, 4 amps | IP69 Rating

These receptacles are designed for thread mount applications that require keyway orientation.

c UL us LISTED

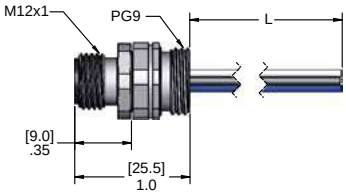
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M16 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	1. Not Used 2. Not Used 3. Brown 4. Blue	300V 4A	18	MDC-2MR-FLPG9-18	MDC-2FR-FLPG9-18	MDC-2MR-FLM16-18	MDC-2FR-FLM16-18
				22	MDC-2MR-FLPG9	MDC-2FR-FLPG9	MDC-2MR-FLM16	MDC-2FR-FLM16
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18	MDC-3MR-FLPG9-18	MDC-3FR-FLPG9-18	MDC-3MR-FLM16-18	MDC-3FR-FLM16-18
				22	MDC-3MR-FLPG9	MDC-3FR-FLPG9	MDC-3MR-FLM16	MDC-3FR-FLM16
4	 M12x1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18	MDC-4MR-FLPG9-18	MDC-4FR-FLPG9-18	MDC-4MR-FLM16-18	MDC-4FR-FLM16-18
				22	MDC-4MR-FLPG9	MDC-4FR-FLPG9	MDC-4MR-FLM16	MDC-4FR-FLM16
5	 M12x1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18	MDC-5MR-FLPG9-18	MDC-5FR-FLPG9-18	MDC-5MR-FLM16-18	MDC-5FR-FLM16-18
				22	MDC-5MR-FLPG9	MDC-5FR-FLPG9	MDC-5MR-FLM16	MDC-5FR-FLM16

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



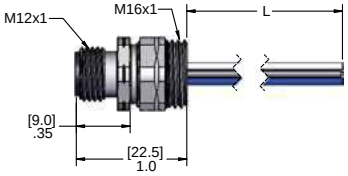
1. Thread the receptacle into your device, leaving a little play between the front connector hex and the locking hex.
2. Adjust the keyway to the orientation you require.
3. Then tighten the locking hex until secure in device.

PG9 Threads

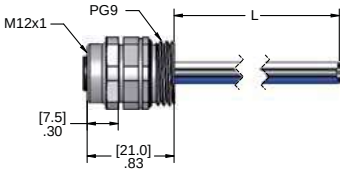


Male Receptacle

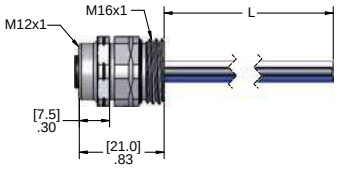
M16 Threads



Male Receptacle



Female Receptacle



Female Receptacle

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	18, 22 AWG: 300V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
O-Ring:	FPM & NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)

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Micro-DC (M12) Series Receptacles

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



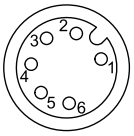
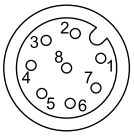
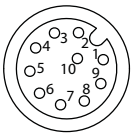
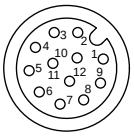
MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG

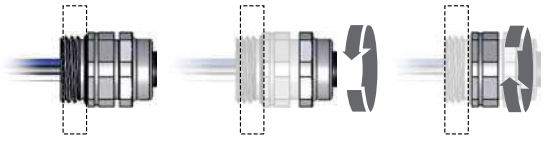
Front Mount Receptacles | Front Lock Nut | PG9 & M16 Threads | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED (6 & 8 Pole)

These receptacles are designed for thread mount applications that require keyway orientation.

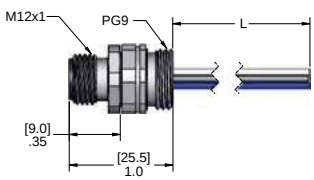
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M16 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-FLPG9	MDC-6FR-FLPG9	MDC-6MR-FLM16	MDC-6FR-FLM16
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24	MDC-8MR-FLPG9	MDC-8FR-FLPG9	MDC-8MR-FLM16	MDC-8FR-FLM16
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24	MDC-10MR-FLPG9	MDC-10FR-FLPG9	MDC-10MR-FLM16	MDC-10FR-FLM16
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24	MDC-12MR-FLPG9	MDC-12FR-FLPG9	MDC-12MR-FLM16	MDC-12FR-FLM16

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

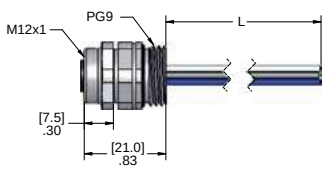


1. Thread the receptacle into your device, leaving a little play between the front connector hex and the locking hex.
2. Adjust the keyway to the orientation you require.
3. Then tighten the locking hex until secure in device.

PG9 Threads

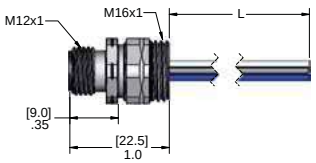


Male Receptacle

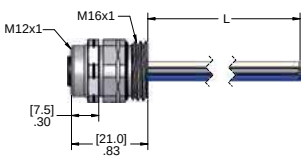


Female Receptacle

M16 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	24 AWG: 60V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
O-Ring:	FPM & NBR
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

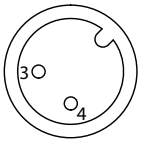
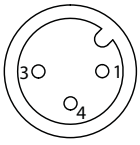
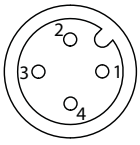
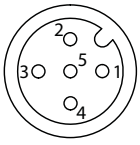
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles

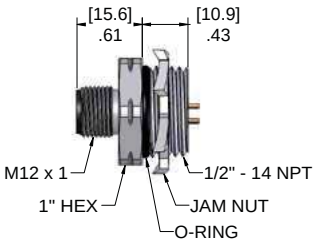


Solder Cup Receptacles | 1/2”-14 NPT & Metric Threads | 300V, 4A | Non-UL | IP69 Rating

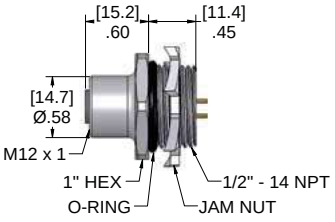
# of Poles	Male Faceview	Rating	Wire AWG	1/2” - 14 NPT Threads		M20 x 1.5 Threads	
				Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12 x 1	300V 4A MAX	18 AWG MAX	MDC-2MR-2-SC	MDC-2FR-2-SC	MDC-2MR-M20-SC	MDC-2FR-M20-SC
3	 M12 x 1	300V 4A MAX	18 AWG MAX	MDC-3MR-2-SC	MDC-3FR-2-SC	MDC-3MR-M20-SC	MDC-3FR-M20-SC
4	 M12 x 1	300V 4A MAX	18 AWG MAX	MDC-4MR-2-SC	MDC-4FR-2-SC	MDC-4MR-M20-SC	MDC-4FR-M20-SC
5	 M12 x 1	300V 4A MAX	18 AWG MAX	MDC-5MR-2-SC	MDC-5FR-2-SC	MDC-5MR-M20-SC	MDC-5FR-M20-SC

Other mounting threads are available, please consult the factory.
Stainless Steel is available for the 1/2” NPT version, add a “-SS” suffix (e.g. MDC-4MR-2-SC becomes MDC-4MR-2-SC-SS).

1/2”-14NPT Threads

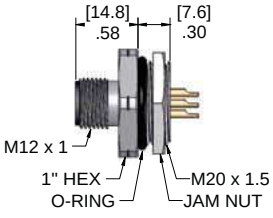


Male Receptacles

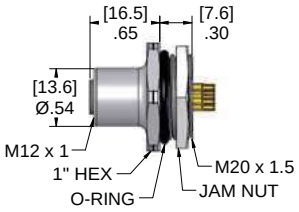


Female Receptacles

M20 Threads



Male Receptacles



Female Receptacles

Specifications:

Shell:	1/2”-14NPT: Clear Anodized Aluminum M20 x 1.5: Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Lock Nut:	Zinc Plated Steel
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)

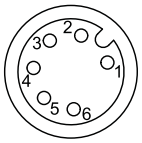
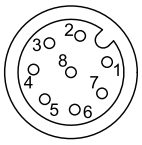
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



MDC (M12) Series Receptacles

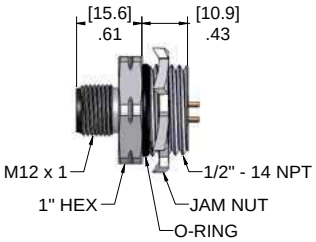
6, 8 10 & 12 Conductor MDC Series Receptacles

Solder Cup Receptacles | 1/2”-14 NPT & Metric Threads | 60V, 2A | Non-UL | IP67 Rating

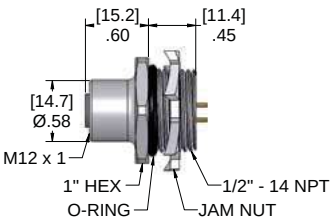
# of Poles	Male Faceview	Rating	Wire AWG	1/2” - 14 NPT Threads		M20 x 1.5 Threads	
				Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	60V 2A MAX	24 AWG MAX	MDC-6MR-2-SC	MDC-6FR-2-SC	MDC-6MR-M20-SC	MDC-6FR-M20-SC
8	 M12 x 1	60V 2A MAX	24 AWG MAX	MDC-8MR-2-SC	MDC-8FR-2-SC	MDC-8MR-M20-SC	MDC-8FR-M20-SC

Other mounting threads are available, please consult the factory.
Stainless Steel is available for the 1/2” NPT version, add a “-SS” suffix (e.g. MDC-8MR-2-SC becomes MDC-8MR-2-SC-SS).

1/2”-14NPT Threads

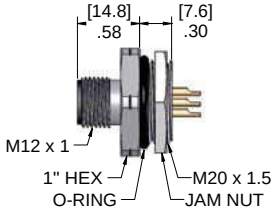


Male Receptacles

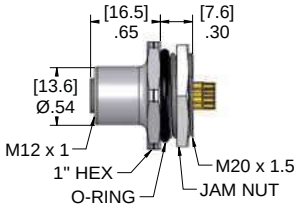


Female Receptacles

M20 Threads



Male Receptacles



Female Receptacles

Specifications:

Shell:	1/2”-14NPT: Clear Anodized Aluminum M20 x 1.5: Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Lock Nut:	Zinc Plated Steel
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)

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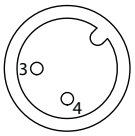
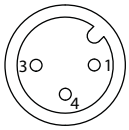
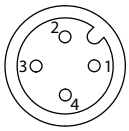
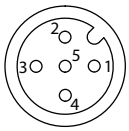
MDC (M12) Series Receptacles

2, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Back Mount Receptacles | PG9 & M20 Threads | 300 Volt, 4 amps | IP69 Rating

c UL us LISTED

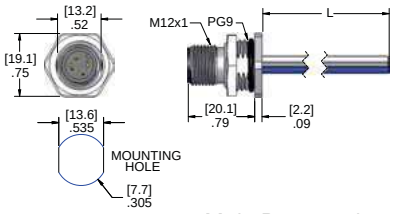
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M20 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	3. Brown 4. Blue	300V 4A	18	MDC-2MR-BM-18	MDC-2FR-BM-18	MDC-2MR-M20-BM-18	MDC-2FR-M20-BM-18
				22	MDC-2MR-BM	MDC-2FR-BM	MDC-2MR-M20-BM	MDC-2FR-M20-BM
3	 M12x1	1. Brown 3. Blue 4. Black	300V 4A	18	MDC-3MR-BM-18	MDC-3FR-BM-18	MDC-3MR-M20-BM-18	MDC-3FR-M20-BM-18
				22	MDC-3MR-BM	MDC-3FR-BM	MDC-3MR-M20-BM	MDC-3FR-M20-BM
4	 M12x1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18	MDC-4MR-BM-18	MDC-4FR-BM-18	MDC-4MR-M20-BM-18	MDC-4FR-M20-BM-18
				22	MDC-4MR-BM	MDC-4FR-BM	MDC-4MR-M20-BM	MDC-4FR-M20-BM
5	 M12x1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18	MDC-5MR-BM-18	MDC-5FR-BM-18	MDC-5MR-M20-BM-18	MDC-5FR-M20-BM-18
				22	MDC-5MR-BM	MDC-5FR-BM	MDC-5MR-M20-BM	MDC-5FR-M20-BM

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

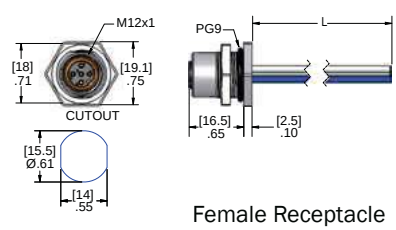
Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	18 & 22 AWG: 300V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

PG9 Threads

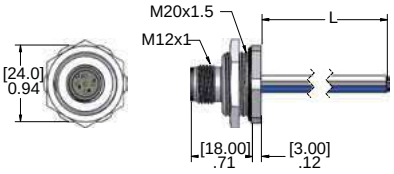


Male Receptacle

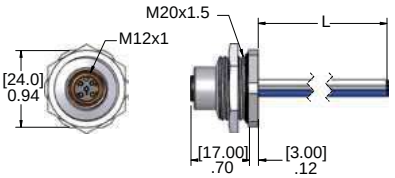


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

H

Micro-DC (M12) Series Receptacles

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

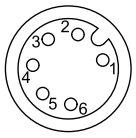
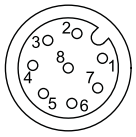
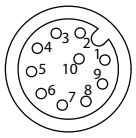
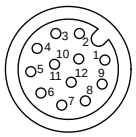


MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG

Back Mount Receptacles | 60 Volt, 2 amps | IP67 Rating

c UL us LISTED (6 & 8 Pole)

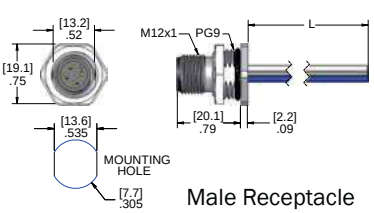
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M20 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-BM	MDC-6FR-BM	MDC-6MR-M20-BM	MDC-6FR-M20-BM
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24	MDC-8MR-BM	MDC-8FR-BM	MDC-8MR-M20-BM	MDC-8FR-M20-BM
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24	MDC-10MR-BM	MDC-10FR-BM	MDC-10MR-M20-BM	MDC-10FR-M20-BM
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24	MDC-12MR-BM	MDC-12FR-BM	MDC-12MR-M20-BM	MDC-12FR-M20-BM

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

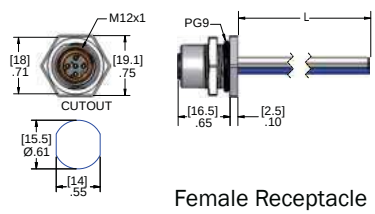
Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	24 AWG: 60V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

PG9 Threads

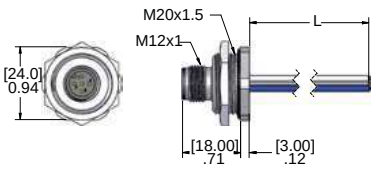


Male Receptacle

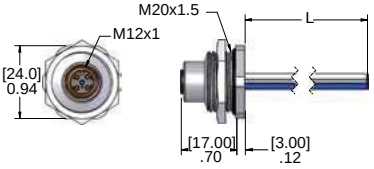


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

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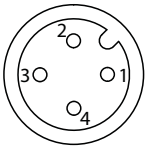
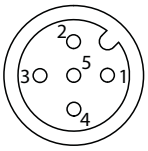
MDC (M12) Series Receptacles

4 & 5 Conductor MDC Series Receptacles

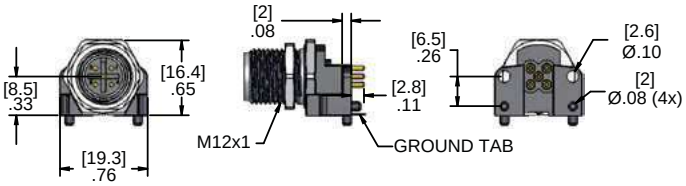


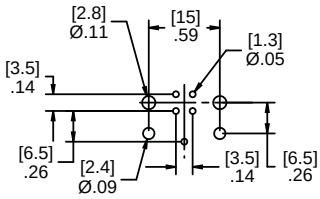
PCB Mount Male Receptacles | 250 Volt, 4 amps | IP69/IP67 Rating

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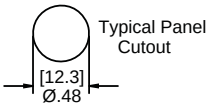
# of Poles	Male Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount IP69	MDC-4MR-PCB	MDC-4MR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-4MR-PCB	MDCM-4MR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount IP69	MDC-5MR-PCB	MDC-5MR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-5MR-PCB	MDCM-5MR-PCB-R

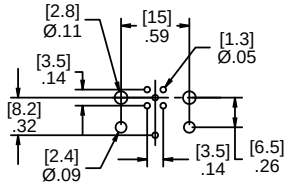
Male Straight





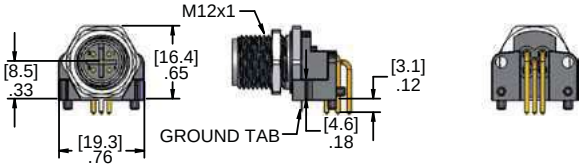
4 Pole Female Straight Layout

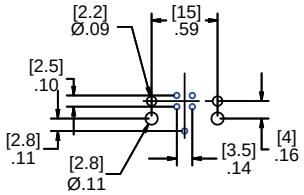




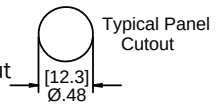
5 Pole Female Straight Layout

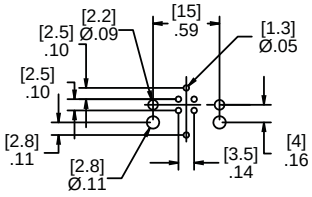
Male Right Angle





4 Pole Female Right Angle Layout





5 Pole Female Right Angle Layout

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

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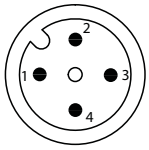
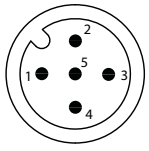


MDC (M12) Series Receptacles

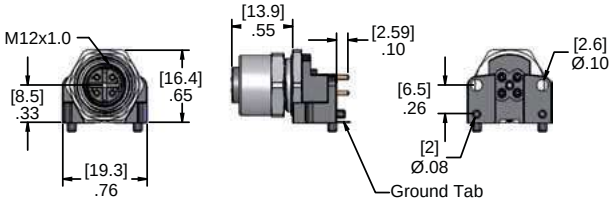
4 & 5 Conductor MDC Series Receptacles

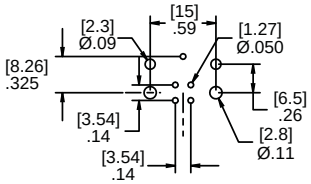
PCB Mount Female Receptacles | 250 Volt, 4 amps | IP69/IP67 Rating

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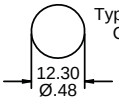
# of Poles	Female Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount IP69	MDC-4FR-PCB	MDC-4FR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-4FR-PCB	MDCM-4FR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount IP69	MDC-5FR-PCB	MDC-5FR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-5FR-PCB	MDCM-5FR-PCB-R

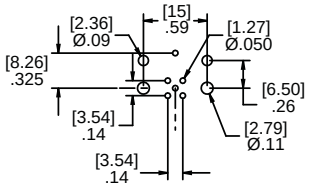
Female Straight





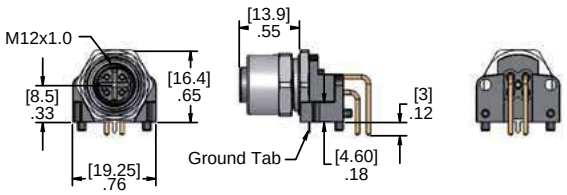
4 Pole Female Straight Layout

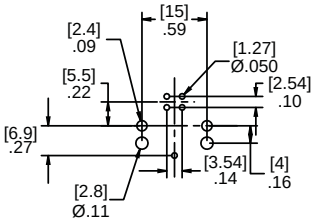




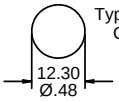
5 Pole Female Straight Layout

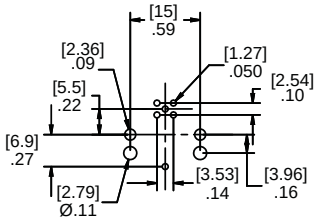
Female Right Angle





4 Pole Female Straight Layout





5 Pole Female Straight Layout

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

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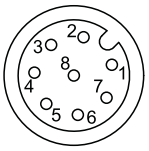
MDC (M12) Series Receptacles

8 Conductor MDC Series Receptacles

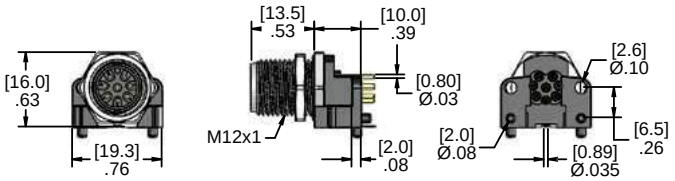


PCB Mount Receptacles | 30 Volt, 2 amps | IP67 Rating

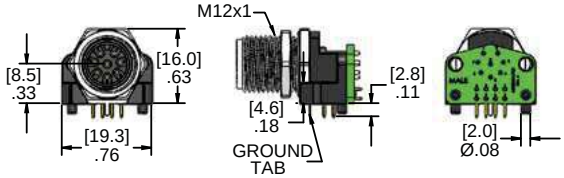
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# of Poles	Male Faceview	Rating	Style	Male Receptacles		Female Receptacles	
				Straight	Right Angle	Straight	Right Angle
8	 M12 x 1	30V 2A	PCB Mount	MDC-8MR-PCB	MDC-8MR-PCB-R	MDC-8FR-PCB	MDC-8FR-PCB-R
			PCB Mount w/ Ground Tab	MDCM-8MR-PCB	MDCM-8MR-PCB-R	MDCM-8FR-PCB	MDCM-8FR-PCB-R

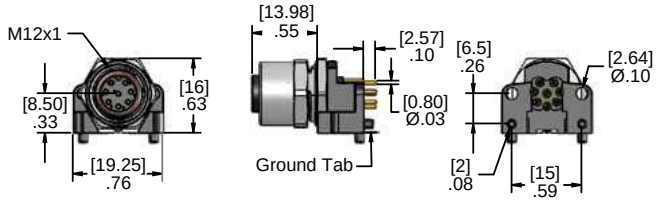
Male Straight



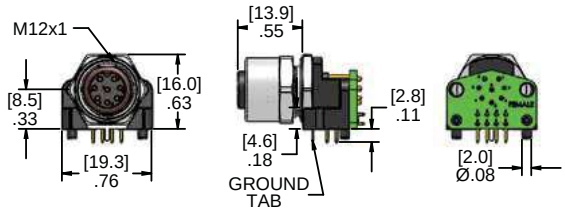
Male Right Angle

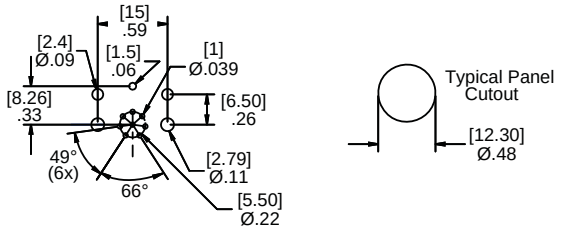


Female Straight

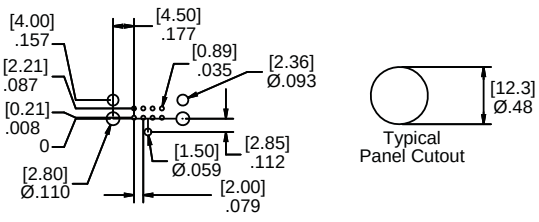


Female Right Angle





Straight Layout



Right Angle Layout

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

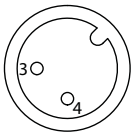
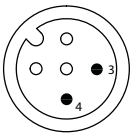
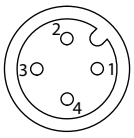
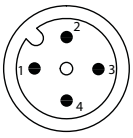
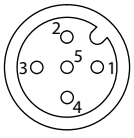
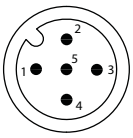
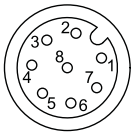
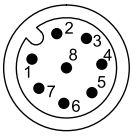
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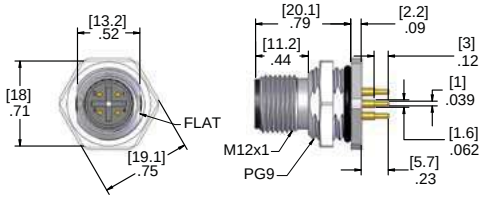


MDC (M12) Series Receptacles

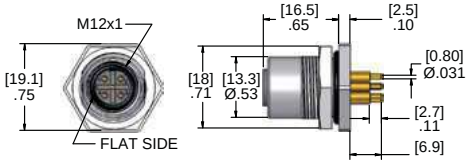
2, 4, 5 & 8 Conductor MDC Series Receptacles

Back Mount PCB Receptacles | 300V, 4A | 60V, 1.5A | IP69/IP67 Rating

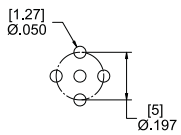
# of Poles	Male Faceview	Rating	Male Receptacles	Female Receptacles	Female Faceview
2 IP69	 M12 x 1	300V 4A	MDC-2MR-BM-PCB	MDC-2FR-BM-PCB	 M12 x 1
4 IP69	 M12 x 1	300V 4A	MDC-4MR-BM-PCB	MDC-4FR-BM-PCB	 M12 x 1
5 IP69	 M12 x 1	300V 4A	MDC-5MR-BM-PCB	MDC-5FR-BM-PCB	 M12 x 1
8 IP67	 M12 x 1	60V 1.5A	MDC-8MR-BM-PCB	MDC-8FR-BM-PCB	 M12 x 1



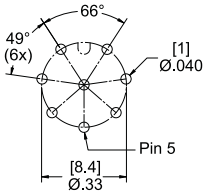
Male Receptacle



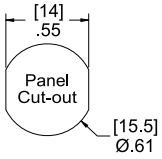
Female Receptacle



4 & 5 Pole PCB Layout



8 Pole PCB Layout



Specifications:

Shell:	Nickel Plated Brass	Jam Nut:	Nickel Plated Brass
Insulater:	Polyamide	O-Ring:	NBR
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 105°C (-40°F to +221°F)

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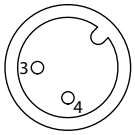
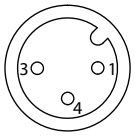
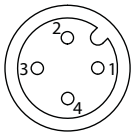
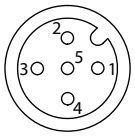
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Panel Mount Male Receptacles | 300 Volt, 4 amps | IP69 Rating

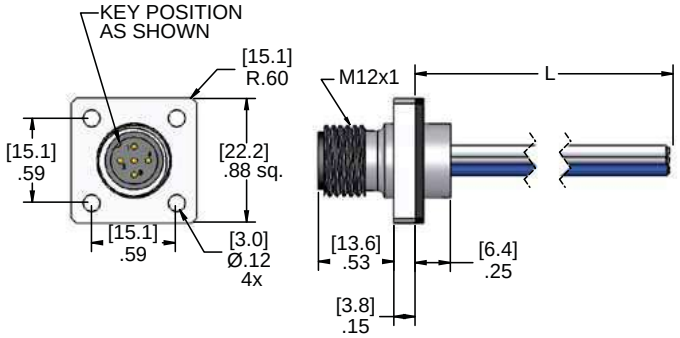
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles
2	 M12 x 1	3. Brown 4. Blue	300V 4A	18 AWG	MDC-2MR-PM-18
				22 AWG	MDC-2MR-PM
3	 M12 x 1	1. Brown 3. Blue 4. Black	300V 4A	18 AWG	MDC-3MR-PM-18
				22 AWG	MDC-3MR-PM
4	 M12 x 1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18 AWG	MDC-4MR-PM-18
				22 AWG	MDC-4MR-PM
5	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray	300V 4A	18 AWG	MDC-5MR-PM-18
				22 AWG	MDC-5MR-PM

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	18 & 22 AWG: 300V UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



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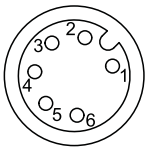
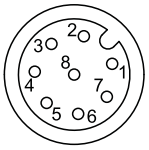
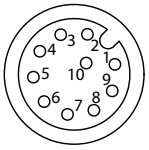
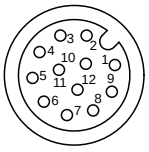


MDC (M12) Series Receptacles

6, 8, 10, & 12 Conductor MDC Series Receptacles, 24AWG

Panel Mount Male Receptacles | 60 Volt, 2 amps | IP67 Rating

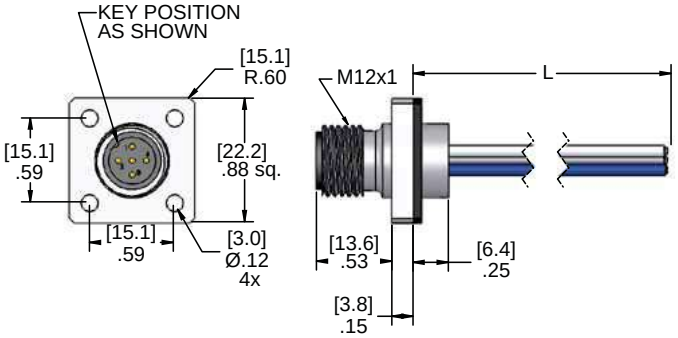
c UL us LISTED (6 & 8 Pole)

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24 AWG	MDC-6MR-PM
8	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red	60V 2A	24 AWG	MDC-8MR-PM
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24 AWG	MDC-10MR-PM
12	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan 11. Black 12. Violet	60V 2A	24 AWG	MDC-12MR-PM

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	24 AWG: 300V UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



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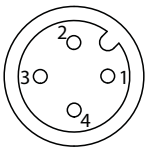
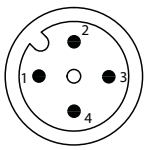
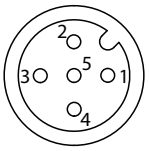
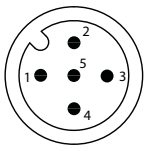
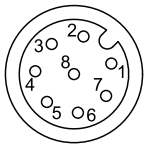
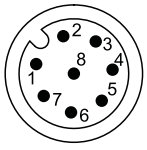
MDC (M12) Series Receptacles

4, 5 & 8 Conductor MDC Series Receptacles



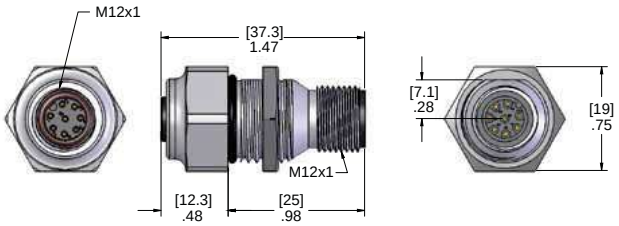
Through Panel Mount Receptacles | Male to Female | 300V, 4A | IP69/IP67 Rating

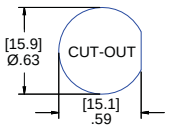
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# of Poles	Male Faceview	Rating	Wiring	Part Number	Female Faceview
4 IP69	 M12 x 1	250V 4A	1 to 1 2 to 2 3 to 3 4 to 4	MDC-4MFR-TM	 M12 x 1
5 IP69	 M12 x 1	300V 4A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5	MDC-5MFR-TM	 M12 x 1
8 IP67	 M12 x 1	60V 2A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5 6 to 6 7 to 7 8 to 8	MDC-8MFR-TM	 M12 x 1

Specifications:

Shell:	Clear Anodized Aluminum
Insulater:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)





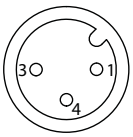
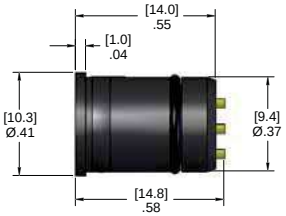
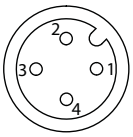
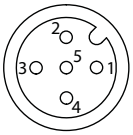
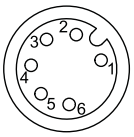
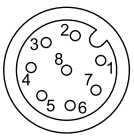
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MDC (M12) Series Receptacles

3, 4 ,5 ,6 & 8 Conductor MDC Series Solder Cup Inserts

Solder Cup Inserts | Male | 300V Max, 4A Max

# of Poles	Male Faceview	Rating	Wire AWG	Part Number	Housing Style
3	 M12x1	300V Max 4A Max	Up to 18 AWG	MDC-3MR-IN-SC	
4	 M12x1	300V Max 4A Max	Up to 18 AWG	MDC-4MR-IN-SC	
5	 M12x1	60V Max 2A Max	Up to 18 AWG	MDC-5MR-IN-SC	
6	 M12 x 1	60V Max 2A Max	Up to 22 AWG	MDC-6MR-IN-SC	
8	 M12 x 1	60V Max 2A Max	Up to 22 AWG	MDC-8MR-IN-SC	

Specifications:

Insert: Black Polyamide
Contacts: Copper Alloy with Gold Plating
O-Ring: NBR
Temperature: –40°C to 105°C (-40°F to +221°F)

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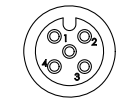
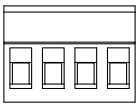
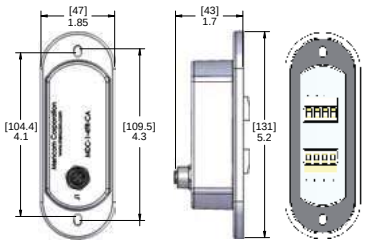
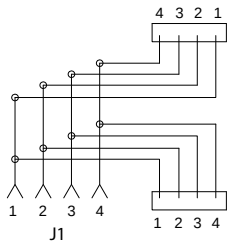
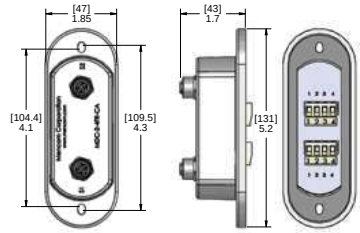
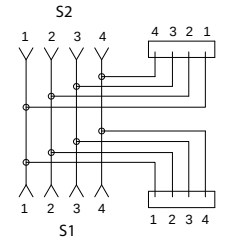
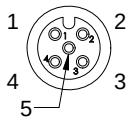
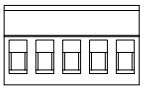
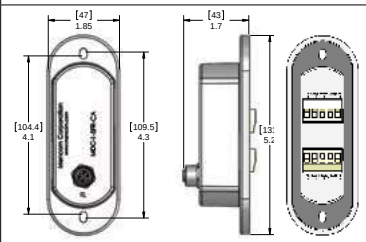
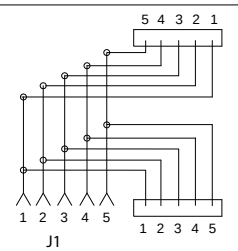
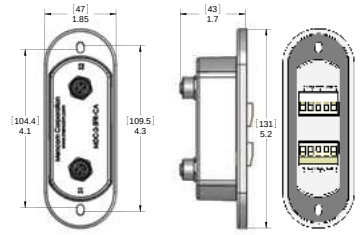
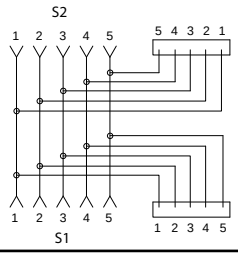
MDC (M12) Series Receptacles

4 & 5 Conductor MDC Series Conduit Adapters



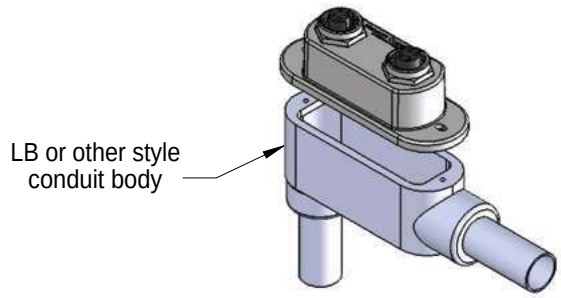
Conduit Adapters | 1 & 2 Port | 300 Volt, 4 amps | IP67 Rating

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# of Poles	Faceview	Rating	# of Ports	Part Number	Body Style	Circuit
4	 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK  4 3 2 1 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK	300V 4A	1 Port	MDC-1-4FR-CA		
			2 Port	MDC-2-4FR-CA		
5	 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK 5 = GRAY  1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK 5 = GRAY	300V 4A	1 Port	MDC-1-5FR-CA		
			2 Port	MDC-2-5FR-CA		

Specifications:

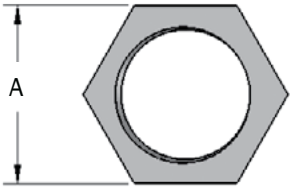
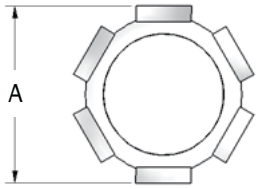
Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 70°C (-40°F to +158°F)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

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Jam Nuts					
Style	**Part #**	**Thread**	**A**	**Thickness**	**Material**
	214M	1/4” NPT	17.3 mm	3.2 mm	Zinc Plated Steel
	207M	PG 7	15 mm	2.8mm	Nickel Plated Brass
	209M	PG 9	18 mm	3.0 mm	Nickel Plated Brass
	213M	PG 13.5	21 mm	3.0 mm	Nickel Plated Brass
	2M16M	M16 x 1.5	19 mm	2.8 mm	Nickel Plated Brass
	2M20M	M20 x 1.5	24 mm	3.0 mm	Nickel Plated Brass
Lock Nut					
	212M	1/2” NPT	28.5 mm	3.3 mm	Zinc Plated Steel

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Euro-AC Series

MEC Series (M12), B-coded

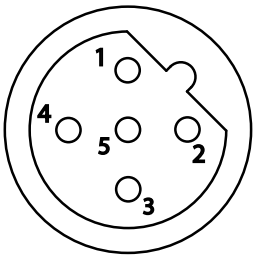
UL File #:
E149111

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As with the Micro-DC(MDC) and Micro-AC(MAC) series, the Euro-AC (MEC) series connectors do not imply that they are only used in AC applications. MEC series uses the M12 mating thread like the MDC series, and they are also commonly used for coding purposes in conjunction with the MDC series. Made popular by the European market it has found its way into many industrial applications as well as some bus systems.

MEC : Euro-AC

The MEC series has a reversed single keyway known as B-Code. Using an MEC alongside other M12 threaded receptacles on the same panel will eliminate the possibilities of plugging the wrong cable into the wrong receptacle. Safely coding your connection without adding cost.



B-coded



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Euro-AC Series

MEC Series (M12), B-coded

Contents

Cordsets
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- Right Angle I-5

Field Wireable Plugs I-6

Receptacles
- Part Number Matrix I-7
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- Front Mount I-10
- Back Mount I-11
- PCB Mount ..... I-12 ~ I-12

Solder Cup Inserts I-14

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Euro-AC (M12) Series Cordsets

MEC Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MEC - □ □ - □ - □ - □

Number of Conductors

3
4
5

Coupling Nut

Blank = Nickel plated brass
SS = Stainless Steel

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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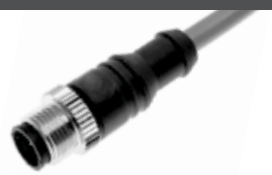


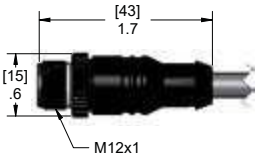
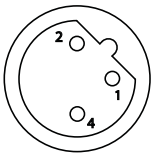
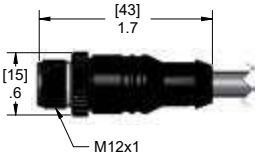
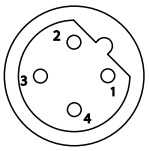
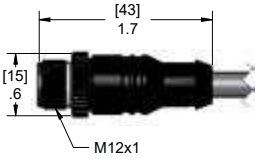
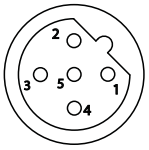
Euro-AC (M12) Series Cordsets

3, 4 & 5 Conductor MEC Series Cordsets, 22AWG

Straight Male Cordsets | 300 Volt, 4 amps | IP67 Rating

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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MEC-3MP-**	Gray PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Not Used 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-4MP-**	Gray PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-5MP-**	Gray PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MEC-4MP-1M becomes MEC-4MP-1M-SS)

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Euro-AC (M12) Series Cordsets

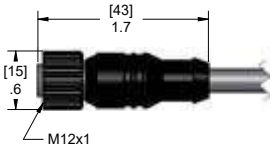
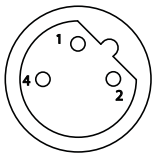
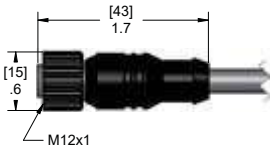
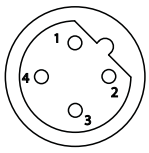
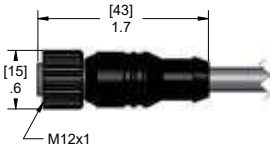
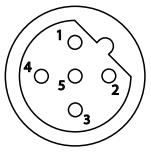
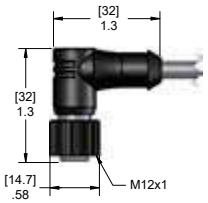
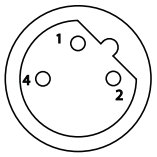
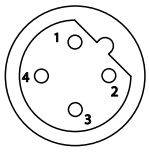
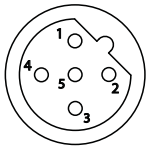
3, 4 & 5 Conductor MEC Series Cordsets, 22AWG



Straight/Right Angle Female Cordsets | 300 Volt, 4 amps | IP67 Rating



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Straight Plugs					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MEC-3FP-**	Gray PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Not Used 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-4FP-**	Gray PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-5FP-**	Gray PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	 M12 x 1
Right Angle Plugs					
	MEC-3FP-**-R	Gray PVC AWM 3 X 22 AWG 300V, 4A -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Not Used 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-4FP-**-R	Gray PVC AWM 4 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	 M12 x 1
	MEC-5FP-**-R	Gray PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MEC-4FP-1M becomes MEC-4FP-1M-SS)

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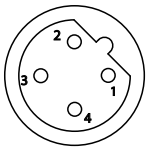
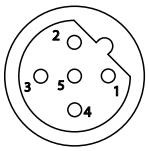
Euro-AC (M12) Series Field Wireable Plugs

4 & 5 Conductor MEC Series Field Wireable Plugs, 18-24AWG

Field Wireable Plugs | PG 7, 9 & 11 Threads | 250 Volt, 4 amps | IP67 Rating

c UL us LISTED



# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MEC-4MP-FW07	MEC-4MP-FW07-R	MEC-4FP-FW07	MEC-4FP-FW07-R
			4-8 mm	MEC-4MP-FW09	MEC-4MP-FW09-R	MEC-4FP-FW09	MEC-4FP-FW09-R
			5-10 mm	MEC-4MP-FW11	N/A	MEC-4FP-FW11	N/A
5	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MEC-5MP-FW07	MEC-5MP-FW07-R	MEC-5FP-FW07	MEC-5FP-FW07-R
			4-8 mm	MEC-5MP-FW09	MEC-5MP-FW09-R	MEC-5FP-FW09	MEC-5FP-FW09-R
			5-10 mm	MEC-5MP-FW11	N/A	MEC-5FP-FW11	N/A

These connectors are easily wired by inserting the individual wires into the screw terminal contacts.
The connectors are water tight to IP 67 and are fully mateable with other "EURO-AC" style connectors.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MEC-4MP-FW07 becomes MEC-4MP-FW07-SS)

Straight Field Wireable Plugs

PG7





PG9





PG11

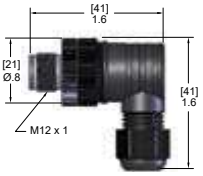




Male Straight | Female Straight

Right Angle Field Wireable Plugs

PG7





PG9





Male Right Angle | Female Right Angle

Specifications:

Body:	Black Polyamide	Coupling Nut:	Nickel Plated Brass
Insulator:	Black Polyamide	Seal:	NBR
Contacts:	Copper Alloy with Gold Plating	Temperature:	-25°C to +85°C (-13°F to +185°F)

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Euro-AC (M12) Series Receptacles

MEC Series Receptacles Part Number Matrix

Not all options available with all receptacles, please consult factory.

MEC☐-☐☐-☐☐-☐-☐-☐

Style

Blank = No Ground Tab
M = Ground Tab

Number of Conductors

3
4
5

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Mounting Style

Blank = No Wire
2 = Front Mount 1/2”-14 NPT
4 = Front Mount 1/4”-18 NPT
BM = Back Mount

Termination Type

Blank = Pre-Wired
PCB = PCB Mount

Length in Meters

Blank = 1’

R/A or Straight

Blank = Straight
R = Right Angle

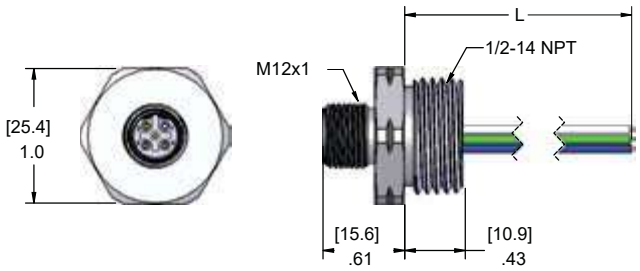
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Euro-AC (M12) Series Receptacles

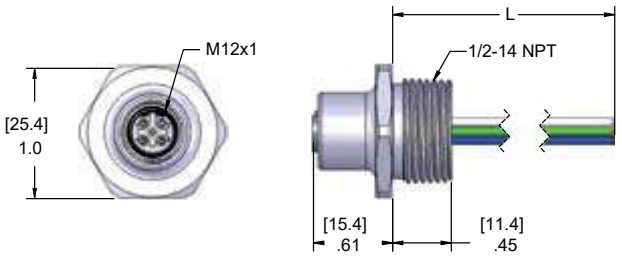
MEC Series Receptacle Index

Front Mount | Back Mount | PCB Mount

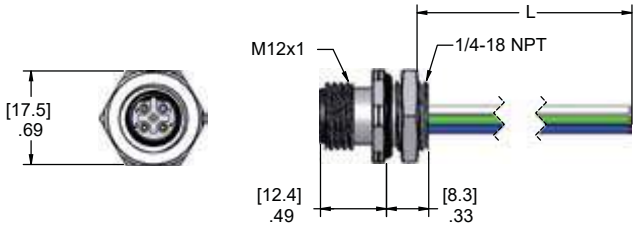
Front Mount, Male, 1/2”-14NPT Page I-10



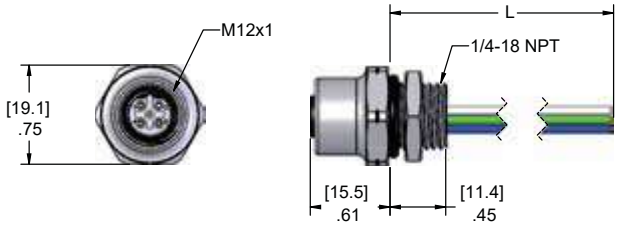
Front Mount, Female, 1/2”-14NPT Page I-10



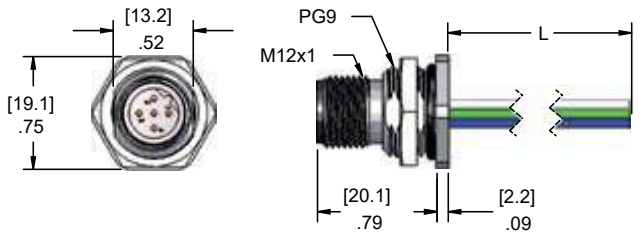
Front Mount, Male, 1/4”-18NPT Page I-10



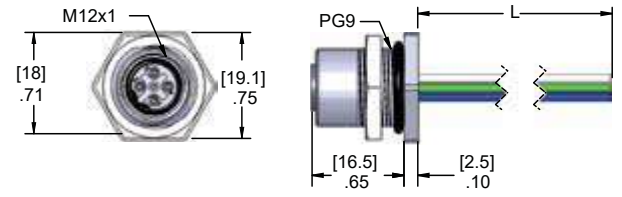
Front Mount, Female, 1/4”-18NPT Page I-10



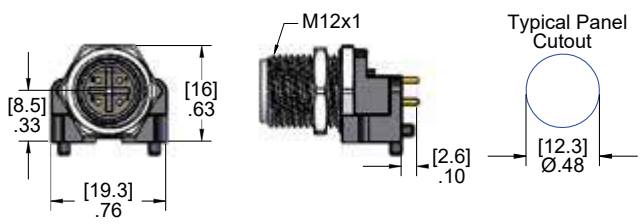
Back Mount, Male, PG9 Thread Page I-11



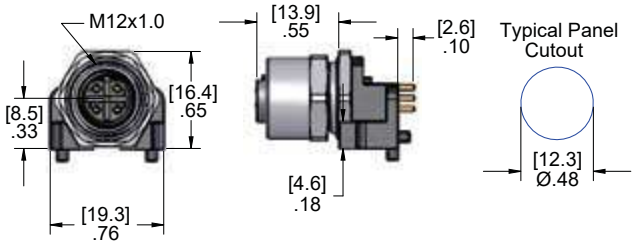
Back Mount, Female, PG9 Thread Page I-11



PCB Mount, Male Page I-12

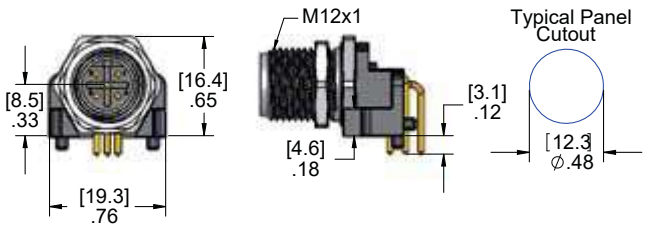


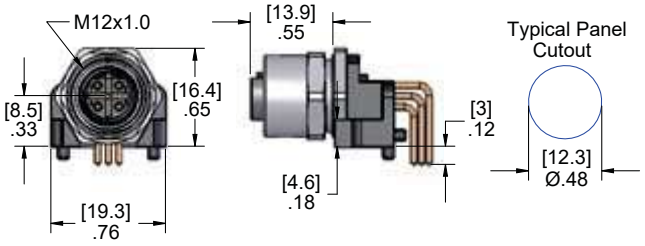
PCB Mount, Female Page I-13



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PCB Mount, Male, Right Angle	Page I-12	PCB Mount, Female, Right Angle	Page I-13





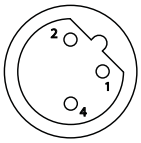
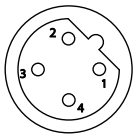
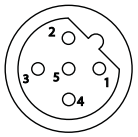


Euro-AC (M12) Series Receptacles

3, 4 & 5 Conductor MEC Series Receptacles, 18/22AWG

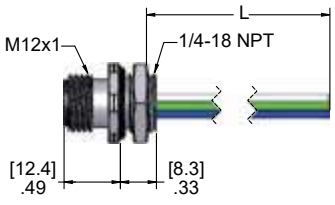
Front Mount Receptacles | 1/2”-14 NPT & 1/4”-18 NPT Threads | 300 Volt, 4 amps | IP67 Rating

c UL us LISTED

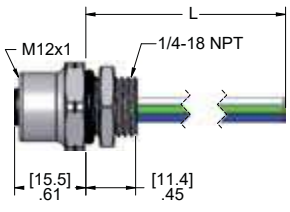
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	1/4”-18 NPT		1/2”-14 NPT	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
3	 M12 x 1	1. Brown 2. Blue 3. Not Used 4. Green/Yellow 5. Not Used	300V 4A	22 AWG	MEC-3MR-4	MEC-3FR-4	MEC-3MR-2	MEC-3FR-2
				18 AWG	MEC-3MR-4-18	MEC-3FR-4-18	MEC-3MR-2-18	MEC-3FR-2-18
4	 M12 x 1	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	300V 4A	22 AWG	MEC-4MR-4	MEC-4FR-4	MEC-4MR-2	MEC-4FR-2
				18 AWG	MEC-4MR-4-18	MEC-4FR-4-18	MEC-4MR-2-18	MEC-4FR-2-18
5	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	300V 4A	22 AWG	MEC-5MR-4	MEC-5FR-4	MEC-5MR-2	MEC-5FR-2

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless Steel is available, add “-SS” to the part number (e.g. MEC-4MR-4-SS).
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. MEC-3MR-4 becomes MEC-3MR-4-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are included.

1/4” - 18 NPT

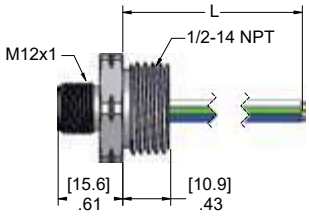


Male Receptacle

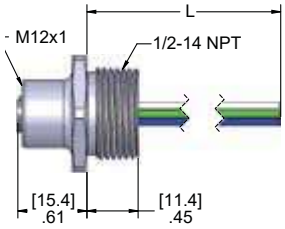


Female Receptacle

1/2” - 14 NPT



Male Receptacle



Female Receptacle

Specifications:

Shell:	1/2” NPT: Clear Anodized Aluminum 1/4” NPT: Nickel Plated Brass
Insulator:	Polyamide
Wire:	18, 22 AWG UL Style 1007/1569, 300V
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to +105°C (-40°F to +221°F)

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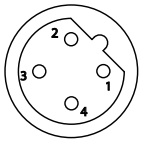
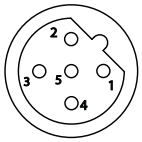
Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles, 22AWG



Back Mount Receptacles | 300 Volt, 4 amps | IP67 Rating

c UL us LISTED

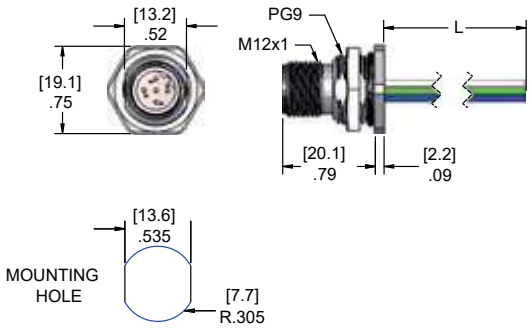
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	300V 4A	22 AWG	MEC-4MR-BM	MEC-4FR-BM
				18 AWG	MEC-4MR-BM-18	MEC-4FR-BM-18
5	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	300V 4A	22 AWG	MEC-5MR-BM	MEC-5FR-BM
				18 AWG	MEC-5MR-BM-18	MEC-5FR-BM-18

12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

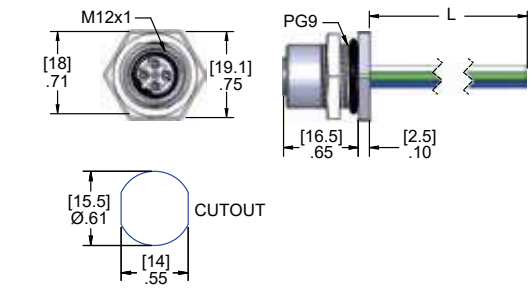
Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Wire:	22 AWG: 300V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to +105°C (-40°F to +221°F)

Male Receptacle



Female Receptacle



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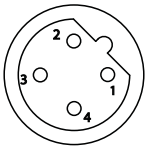
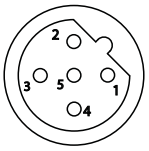


Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles

Male PCB Mount Receptacles | 250V, 4A | IP67 Rating

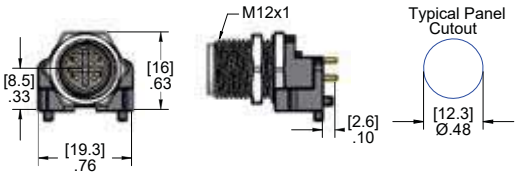
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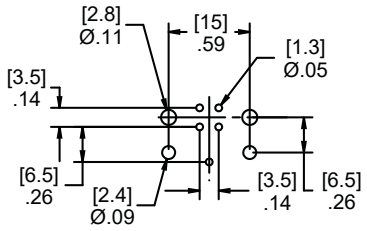
# of Poles	Male Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount	MEC-4MR-PCB	MEC-4MR-PCB-R
			PCB Mount w/ Ground Tab	MECM-4MR-PCB	MECM-4MR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount	MEC-5MR-PCB	MEC-5MR-PCB-R
			PCB Mount w/ Ground Tab	MECM-5MR-PCB	MECM-5MR-PCB-R

I

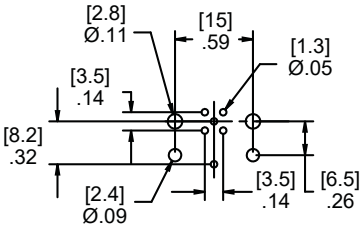
EURO-AC (M12) Series

Male Straight



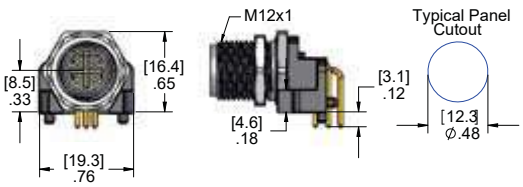


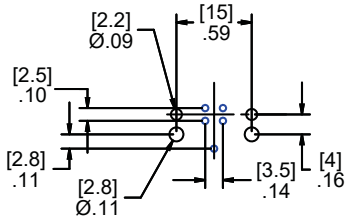
4 Pole Male Straight Layout



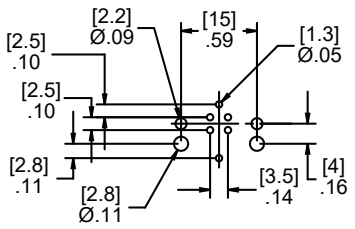
5 Pole Male Straight Layout

Male Right Angle





4 Pole Male Right angle Layout



5 Pole Male Right Angle Layout

Specifications:

Body:	Polyamide	O-Ring:	NBR
Contacts:	Copper Alloy with Gold Plating	Jam Nut:	Nickel Plated Brass
Shell:	Nickel Plated Brass	Temperature:	-40°C to 105°C (-40°F to +221°F)

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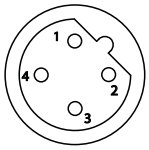
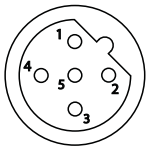
Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles

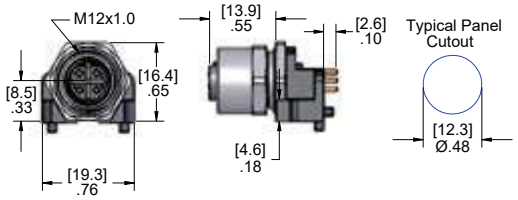


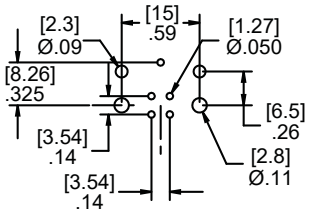
Female PCB Mount Receptacles | 250V, 4A | IP67 Rating

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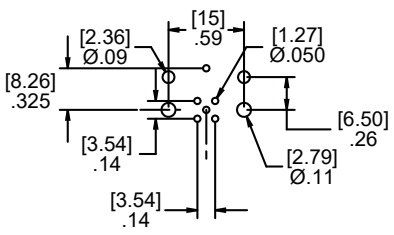
# of Poles	Female Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount	MEC-4FR-PCB	MEC-4FR-PCB-R
			PCB Mount w/ Ground Tab	MECM-4FR-PCB	MECM-4FR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount	MEC-5FR-PCB	MEC-5FR-PCB-R
			PCB Mount w/ Ground Tab	MECM-5FR-PCB	MECM-5FR-PCB-R

Female Straight



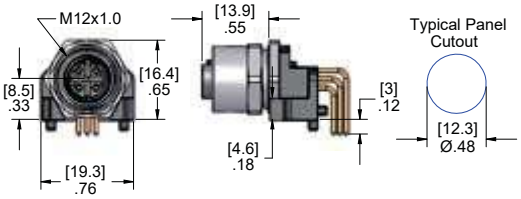


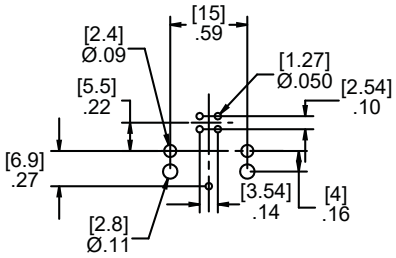
4 Pole Female Straight Layout



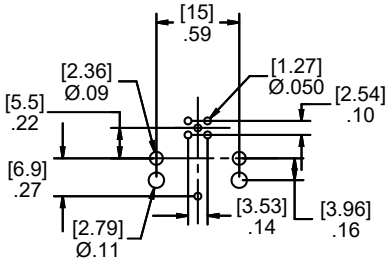
5 Pole Female Straight Layout

Female Right Angle





4 Pole Female Right angle Layout



5 Pole Female Right Angle Layout

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

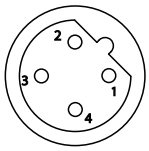
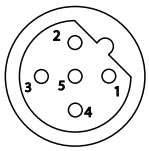
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Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Solder Cup Inserts

Solder Cup Inserts | Male | 300V Max, 4A Max

# of Poles	Male Faceview	Rating	Wire AWG	Part Number	Housing Style
4	 M12 x 1	300V Max 4A Max	Up to 18 AWG	MEC-4MR-IN-SC	
5	 M12 x 1	60V Max 2A Max	Up to 18 AWG	MEC-5MR-IN-SC	

Specifications:

Insert: Black Polyamide
Contacts: Copper Alloy with Gold Plating
O-Ring: NBR
Temperature: –40°C to 105°C (-40°F to +221°F)

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The M8 (NAN-series) is often referred to as a “pico” or “nano” connector. The small size makes it the perfect choice when space is limited. The M8 is commonly used with many of the miniature proximity, hall-effect and photo-electric sensors. The NAN series is available in 2 different versions; snap-on (available in 3, 4 and 6 pole) and thread-on (available in 3 and 4 pole). Male connectors in this series can be used to mate with both the snap-on and threaded female connectors.The male has threads and the small snap ring. Both snap-on and thread-on versions have the same water tight specifications (IP67) as well as the same voltage and amperage rating. It is simply customer preference as to which one suits their needs.

Snap-on Version

A snap-on connector is simply pushed onto the mating part and an audible snap can be heard as they lock together.

Thread-on Version

The thread-on is similar to the MIN-Series and Micro series in that there is a threaded coupling nut which is tightened when mating.





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NAN Series

M8 Series

Contents

Cordsets
- Part Number Matrix J-3
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  - Straight ..... J-4 ~ J-5
  - Right Angle J-5
  - With LEDs J-9
- Thread-On
  - Straight ..... J-6 ~ J-7
  - Right Angle J-7
  - Double Ended J-8
  - With LEDs J-9

Field Wireable Plugs ..... J-10 ~ J-11

Cordset Accessories
- Raw Cables J-12

Receptacles
- Part Number Matrix J-13
- Index J-14
- Front Mount J-15
- Back Mount J-15
- PCB Back Mount J-16

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NAN (M8) Series Cordsets

NAN Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

NAN[ ] - [ ] - [ ][ ] - [ ] - [ ] - [ ]

Cable Type

Blank = PVC
P = PUR

Connection Style

Blank = Snap-On
T = Thread-On

Number of Conductors

3
4
6

Connector Configuration

MP = Male Plug
FP = Female Plug
MFP = Male / Female Extension
MFRP = Male Straight / Female Right Angle
MRFP = Male Right Angle / Female Straight

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

Transistor Type

PNP
NPN

R/A or Straight

Blank = Straight *
R = Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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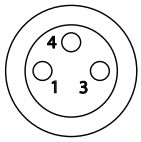
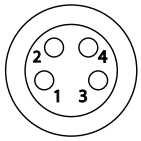


NAN (M8) Series Snap-On Cordsets

3 & 4 Conductor NAN Series Cordsets, 24AWG

Straight/Right Angle Male Cordsets | Snap-On Style | 60 Volt, 3 amps | IP67 Rating



Snap-On Style: Male Straight Plugs					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	NAN-3MP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	
	NANP-3MP-**	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-4MP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	
	NANP-4MP-**	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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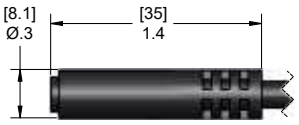
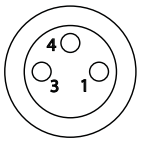
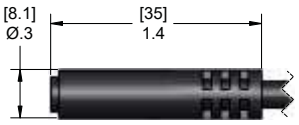
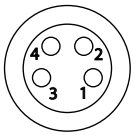
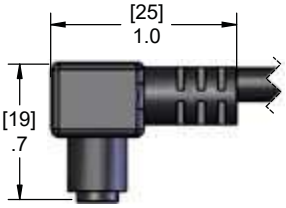
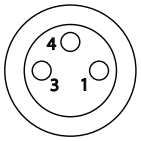
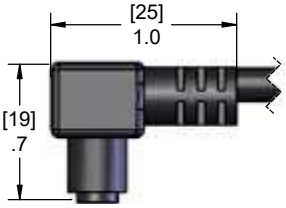
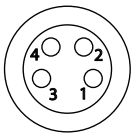
NAN (M8) Series Snap-On Cordsets

3 & 4 Conductor NAN Series Cordsets, 24AWG



Straight/Right Angle Female Cordsets | Snap-On Style | 60 Volt, 3 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
Snap-On Style: Female Straight Plugs					
	NAN-3FP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	
	NANP-3FP-**	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-4FP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	
	NANP-4FP-**	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
Snap-On Style: Female Right Angle Plugs					
	NAN-3FP-**-R	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	
	NANP-3FP-**-R	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-4FP-**-R	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	
	NANP-4FP-**-R	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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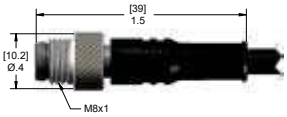
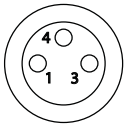
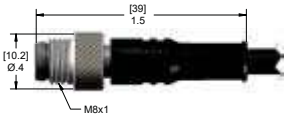
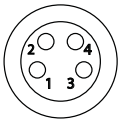
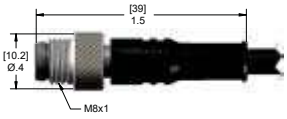
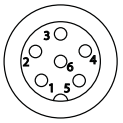


NAN (M8) Series Thread-On Cordsets

3, 4 & 6 Conductor NAN Series Cordsets, 24/26AWG

Straight/Right Angle Male Cordsets | Thread-On Style | 60 Volt, 3 amps | IP67 Rating



Thread-On Style: Male Straight Plugs					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	NAN-T-3MP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1
	NANP-T-3MP-**	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-T-4MP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M8 x 1
	NANP-T-4MP-**	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-T-6MP-**	Black PVC AWM 6 X 26 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M8 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. NAN-T-4MP-1M becomes NAN-T-4MP-1M-SS)

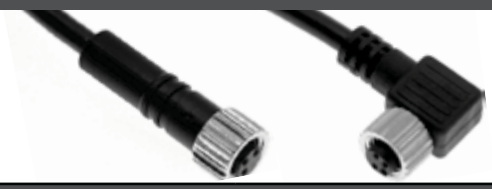
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

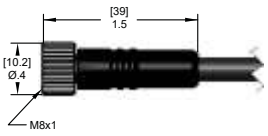
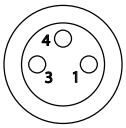
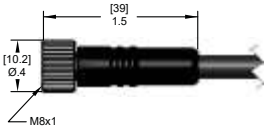
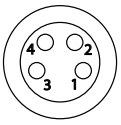
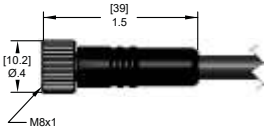
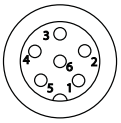
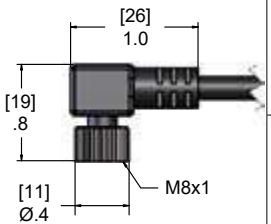
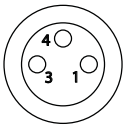
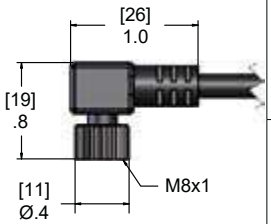
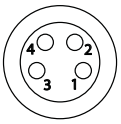
NAN (M8) Series Thread-On Cordsets

3, 4 & 6 Conductor NAN Series Cordsets, 24/26AWG



Straight/ Right Angle Female Cordsets | Thread-On Style | 60 Volt, 3 amps | IP67 Rating



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
Thread-On Style: Female Straight Plugs					
	NAN-T-3FP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1
	NANP-T-3FP-**	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-T-4FP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M8 x 1
	NANP-T-4FP-**	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-T-6FP-**	Black PVC AWM 6 X 26 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M8 x 1
Thread-On Style: Female Right Angle Plugs					
	NAN-T-3FP-**-R	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1
	NANP-T-3FP-**-R	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
	NAN-T-4FP-**-R	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M8 x 1
	NANP-T-4FP-**-R	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. NAN-T-4FP-1M becomes NAN-T-4FP-1M-SS)

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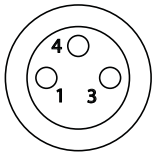
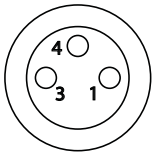
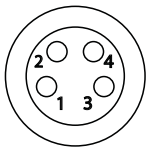
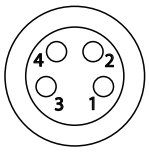
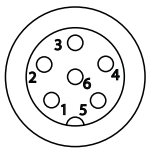
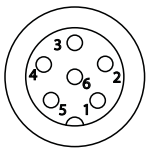


NAN (M8) Series Thread-On Cordsets

3, 4 & 6 Conductor NAN Series Cordsets, 24/26AWG

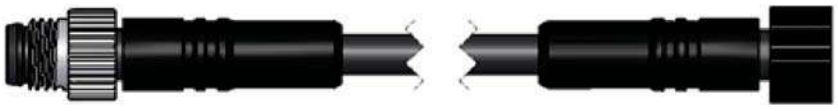
Double Ended Cordsets | Thread-On Style | 60 Volt, 3 amps | IP67 Rating



Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M8 x 1	NAN-T-3MFP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1
	NANP-T-3MFP-**	Black PUR AWM 3 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
 M8 x 1	NAN-T-4MFP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M8 x 1
	NANP-T-4MFP-**	Black PUR AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 4.5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR		
 M8 x 1	NAN-T-6MFP-**	Black PVC AWM 6 X 26 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M8 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. NAN-T-4MFP-1M becomes NAN-T-4MFP-1M-SS)



Male - Female Extension Cable

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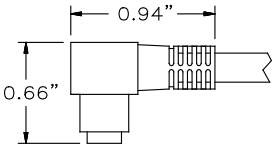
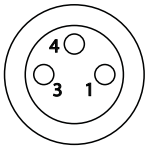
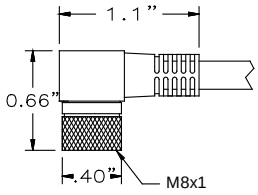
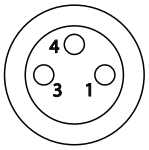
NAN (M8) Series Cordsets with LEDs

3 Conductor NAN Series Cordsets, 24AWG



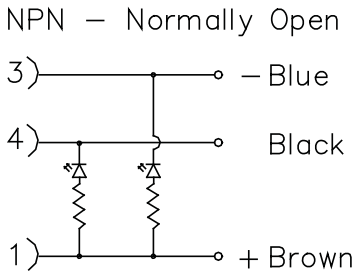
Right Angle Female Connectors | Snap-On/Thread-On Style | 30 VDC, 4 amps | IP67 Rating



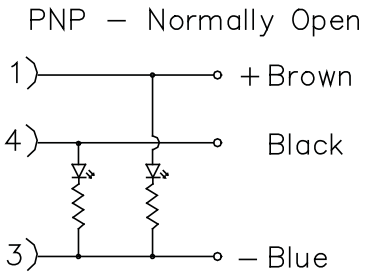
Snap-On Style					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
	NAN-3FP-**-R-PNP NAN-3FP-**-R-NPN	Black PVC AWM 3 X 24 AWG 30 VDC, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC LED	1. Brown 2. Not Used 3. Blue 4. Black	
Thread-On Style					
	NAN-T-3FP-**-R-PNP NAN-T-3FP-**-R-NPN	Yellow PVC AWM 3 X 24 AWG 30 VDC, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC LED	1. Brown 2. Not Used 3. Blue 4. Black	 M8 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Snap -On



Thread-On



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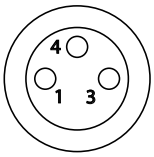
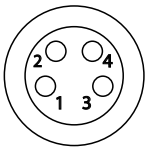


NAN (M8) Series Field Wireable Plugs

3 & 4 Conductor NAN Series Field Wireable Plugs, 22-24AWG

Field Wireable Plugs | Axial Piercing | 60V, 3 amps | IP67 Rating



# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male Plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
3	 M8 x 1	18-24 AWG 60V 3A	4-5 mm	NAN-T-3MP-FW	NAN-T-3MP-FW-R	NAN-T-3FP-FW	NAN-T-3FP-FW-R
4	 M8 x 1	18-24 AWG 60V 3A	4-5 mm	NAN-T-4MP-FW	NAN-T-4MP-FW-R	NAN-T-4FP-FW	NAN-T-4FP-FW-R

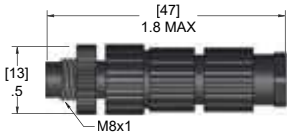
J

NAN (M8) Series

Specifications:

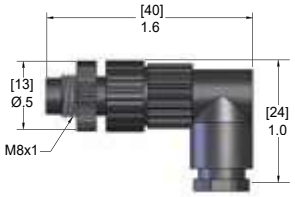
Body:	Oil Resistant Black PVC
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Rings:	NBR
Coupling Nut:	Nickel Plated ZnAl
Grommet:	NBR
Connection:	Axial Piercing
Temperature:	-25°C to +90°C (-13°F to +194°F)

Straight



Male Plug

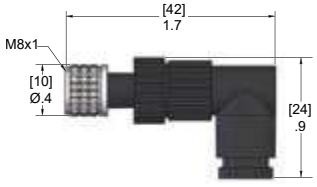
Right Angle



Male Plug



Female Plug



Female Plug

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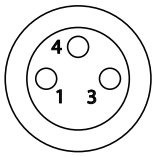
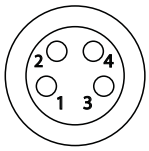
NAN (M8) Series Field Wireable Plugs

3 & 4 Conductor NAN Series Field Wireable Plugs, 22-24AWG



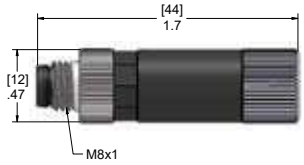
Field Wireable Plugs | Screw Terminals | 30V, 3 amps | IP67 Rating



Male Faceview	# of Poles	Wire AWG Rating	Cable O.D. Range	Male Plugs	Female Plugs
 M8 x 1	3	20-26 AWG 30V 3A	3-5 mm	NAN-T-3MP-FW-ST	NAN-T-3FP-FW-ST
 M8 x 1	4	20-26 AWG 30V 3A	3-5 mm	NAN-T-4MP-FW-ST	NAN-T-4FP-FW-ST

Specifications:

Body:	Polyamide
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Coupling Nut:	Nickel Plated Brass
Grommet:	NBR
Connections:	Screw Terminals
Temperature:	-40°C to +85°C (-40°F to +185°F)



Male Plug



Female Plug

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NAN (M8) Series Accessories

3, 4 & 6 Conductor NAN Series Accessory Cables

# of Conductors	Color Code	Wire AWG	Voltage Rating	Features	Part Number	
					100’ Cable	Spool
3	Brown Blue Black	24 AWG	300V	Black PVC AWM 4.5mm OD (0.18” OD)	NAN-3CBL-C	36B0001-*
		24 AWG	300V	Black PUR AWM 4.5mm OD (0.18” OD)	NANP-3CBL-C	36BP001-*
4	Brown White Blue Black	24 AWG	300V	Black PVC AWM 4.5mm OD (0.18” OD)	NAN-4CBL-C	36C0001-*
		24 AWG	300V	Black PUR AWM 4.5mm OD (0.18” OD)	NANP-4CBL-C	36CP001-*
6	Brown White Blue Black Gray Pink	26 AWG	300V	Black PVC AWM 4.5mm OD (0.18” OD)	NAN-6CBL-C	36EB001-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

Cable Construction subject to change without notice.
Length in feet. Standard cable length is 100 feet. Consult factory for other lengths.

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NAN (M8) Series Receptacles

NAN Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

NAN - T - ☐ ☐ - ☐ - ☐ - ☐

Number of Conductors

3
4

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Coupling Nut

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

Mounting Type

2 = Front Mount 1/2”-14 NPT
M8 = Front Mount Metric 8 Threads
BM = Back Mount
BM-PCB = PCB Back Mount

Length in Meters

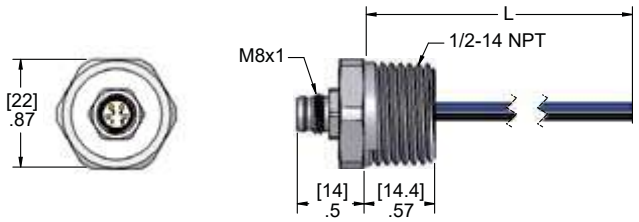
Blank = 1’

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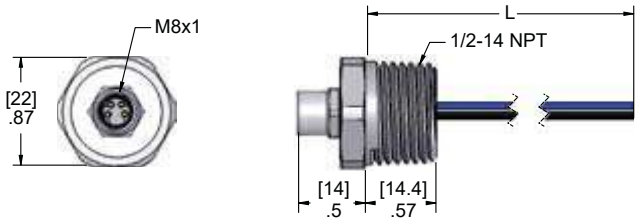
NAN (M8) Series Receptacles

NAN Series Receptacles Index

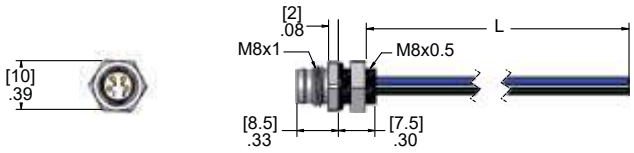
Front Mount, Male, 1/2”-14 NPT Threads Page J-15



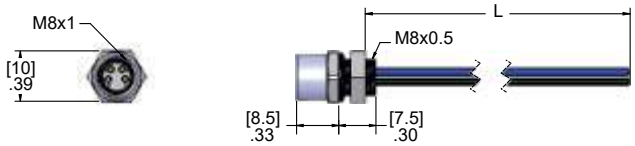
Front Mount, Female, 1/2”-14 NPT Threads Page J-15



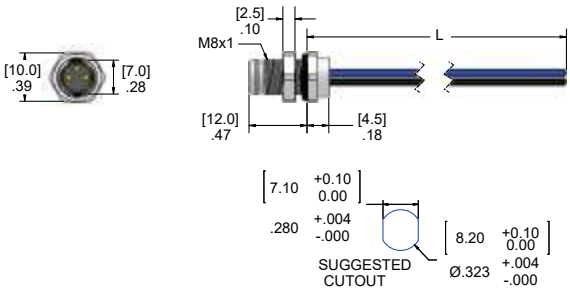
Front Mount, Male, M8 Threads Page J-15



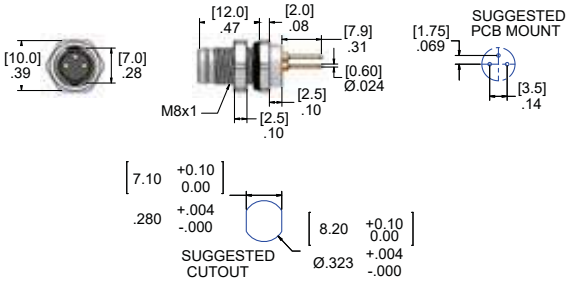
Front Mount, Female, M8 Threads Page J-15



Back Mount, Male Page J-15



PCB Back Mount, Mmale Page J-16



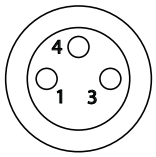
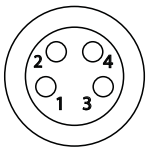
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NAN (M8) Series Receptacles

3 & 4 Conductor NAN Series Receptacles, 24AWG

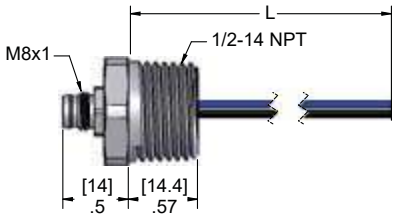


Front & Back Mount Receptacles | 1/2”-14 NPT & M8 Threads | 60V, 3A | IP67 Rating

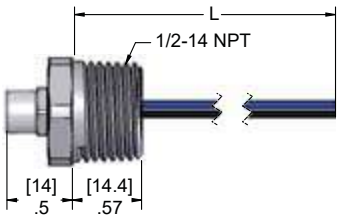
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Thread Type	Male Receptacles	Female Receptacles
3	 M8 x 1	1. Brown 2. Not Used 3. Blue 4. Black	24 AWG 60V 3A	1/2” NPT	NAN-T-3MR-2	NAN-T-3FR-2
				M8 x 0.5	NAN-T-3MR-M8	NAN-T-3FR-M8
				Back Mount	NAN-T-3MR-BM	N/A
4	 M8 x 1	1. Brown 2. White 3. Blue 4. Black	24 AWG 60V 3A	1/2” NPT	NAN-T-4MR-2	NAN-T-4FR-2
				M8 x 0.5	NAN-T-4MR-M8	NAN-T-4FR-M8
				Back Mount	NAN-T-4MR-BM	N/A

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
For 1/2” receptacles with lengths of 12” or shorter use the suffix “-G’ to include lock nut and O-ring. (e.g. NAN-T-3MR-2 becomes NAN-T-3MR-2-G)
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are inlcuded.

1/2” NPT Threads

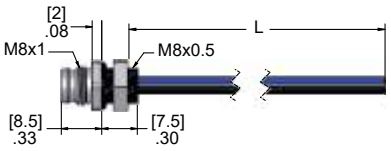


Male Receptacle

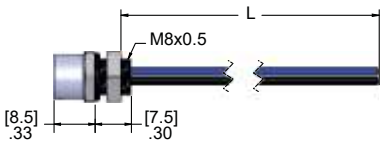


Female Receptacle

M8 Threads

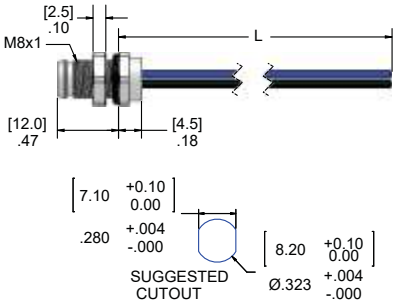


Male Receptacle



Female Receptacle

Back Mount



Male Receptacle

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Wires:	24 AWG
O-Ring:	NBR
Lock Nut:	Zinc Plated Steel
Jam Nut:	Nickel Plated Brass
Temperature:	-25°C to +90°C (-13°F to +194°F)

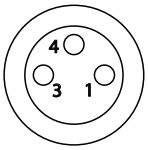
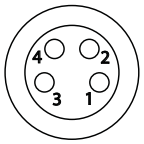
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NAN (M8) Series Receptacles

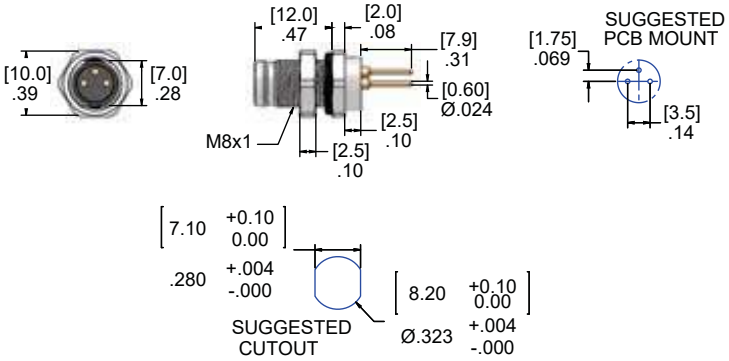
3 & 4 Conductor NAN Series Receptacles

Back Mount PCB Receptacles | 60 Volt, 3 amps | IP67 Rating

# of Poles	Male Faceview	Rating	Male Receptacles
3	 M8 x 1	60V 3A	NAN-T-3MR-BM-PCB
4	 M8 x 1	60V 3A	NAN-T-4MR-BM-PCB

Specifications:

Shell:	Nickel Plated Brass
Insulater:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to 105°C (-40°F to +221°F)



J

NAN (M8) Series

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UL File #:
E149111

DeviceNet is a popular ring and drop system transmitting power and signal. The idea is that the information flows around the entire machine via the trunk line and all of the sensors (proxes, photos, etc.) and actuators (valves, cylinders, etc.) come off of the trunk line via drops.

Trunk Line

The DeviceNet bus system is like an expressway going around a city. The expressway is the trunk line. The trunk line is a MIN-5MFP cable that has a special DeviceNet (Thick) cable.

Drops

The exits are T connectors (a connector in the shape of a T that has 2 female connectors and one male). The exits lead to side streets that are the drops. The drops are either a 5 Pin MIN to an MDC, or, it is a 5 pin MIN to 5 pin MIN DeviceNet (Thin) cable.



DeviceNet

MIN(7/8”-16UN) & MDC(M12x1) Series

Contents

- ***Cordsets***
  - Part Number Matrix — **K-3**
  - Straight — **K-4 ~ K-5**
  - Double Ended — **K-6 ~ K-7**
- ***Field Wireable Plugs*** — **K-8**
- ***“T” Connectors*** — **K-9**
- ***Splitters*** — **K-10**
- ***Terminating Plugs*** — **K-11**
- ***Receptacles***
  - Part Number Matrix — **K-13**
  - Index — **K-14 ~ K-16**
  - 7/8”-16UN Series — **K-17**
  - M12x1 Series
    - Front Mount — **K-18 ~ K-19**
    - Back Mount — **K-18 ~ K-19**
    - PCB Mount — **K-20**
    - PCB Back Mount — **K-20**
- ***Conduit Adapters*** — **K-21**
- ***Junction Blocks***
  - 4 Port — **K-22**
  - 6 Port — **K-23**
  - 8 Port — **K-24**
  - 10 Port — **K-25**
  - 12 Port — **K-26**

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DeviceNet Series Cordsets

DeviceNet Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

[ ] - 5[ ] - [ ] - [ ] - [ ]

Cable Type

MINDT = MIN Trunk Cable (7/8”-16UN)
MINDD = MIN Drop Cable (7/8”-16UN)
MINDCDD = MIN to MDC Extension
MDCDD = MDC Drop Cable (M12 x 1)
MDCUT = MDC Ultra Thin Cable (M12 x 1)

Coupling Nut

Blank = Aluminum or Nickel Plated Brass
SS = Stainless Steel

Connector Configuration

FP = Female Plug
MP = Male Plug
MFP = Male / Female Extension

R/A or Straight

Blank = Straight
R = Right Angle**

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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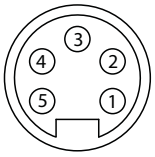
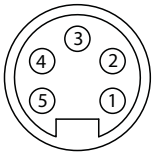
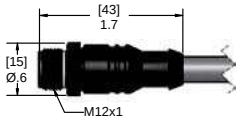
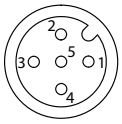
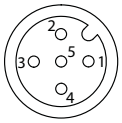
DeviceNet Series MIN/MDC Cordsets

5 Conductor DeviceNet Series Cordsets, 15/18AWG & 22/24AWG

Straight Male Cordsets | 600 Volt, 8 amps | 300 Volt, 4 amps | IP69/IP67 Rating

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MIN Trunk Cordsets - Thick Cable					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MINDT-5MP-**	Gray PVC Trunk Cable AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 600V, 8A -40°C to +80°C 11.2mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8"-16UN2
MIN & MDC Drop Cordsets - Thin Cable					
	MINDD-5MP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8"-16UN2
	MDCDD-5MP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1
	MDCUT-5MP-**	Gray PVC Drop Cable AWM With Foil Shield 2 X 24 AWG 2 X 24 AWG 1 x 24 AWG (Drain) 300V, 3A -40°C to +80°C 5.7mm OD	Industry Standard PVC Foil Shield IP67	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MINDD-5MP-1M becomes MINDD-5MP-1M-SS)

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DeviceNet Series MIN/MDC Cordsets

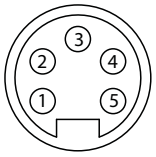
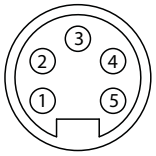
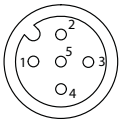
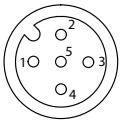
5 Conductor DeviceNet Series Cordsets, 15/18AWG & 22/24AWG



Straight Female Cordsets | 600 Volt, 8 amps | 300 Volt, 4 amps | IP69 Rating, IP67 (MDCUT)



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MIN Trunk Cordsets - Thick Cable					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	MINDT-5FP-**	Gray PVC Trunk Cable AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 600V, 8A -40°C to +80°C 11.2mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8”-16UN2
MIN & MDC Drop Cordsets - Thin Cable					
	MINDD-5FP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8”-16UN2
	MDCDD-5FP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1
	MDCUT-5FP-**	Gray PVC Drop Cable AWM With Foil Shield 2 X 24 AWG 2 X 24 AWG 1 x 24 AWG (Drain) 300V, 3A -40°C to +80°C 5.7mm OD	Industry Standard PVC Foil Shield IP67	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MINDD-5FP-1M becomes MINDD-5FP-1M-SS)

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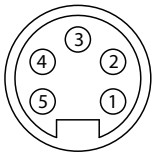
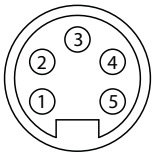
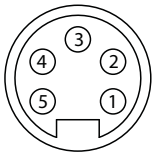
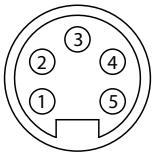
DeviceNet Series MIN Cordsets

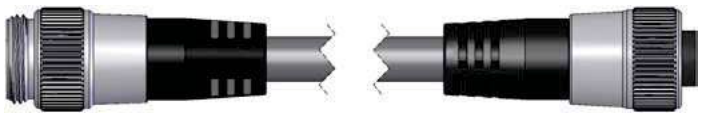
5 Conductor DeviceNet Series Cordsets, 15/18AWG

Double Ended Cordsets | 600 Volt, 8 amps | 300 Volt, 4 amps | IP69 Rating

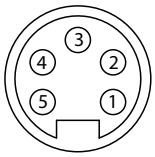
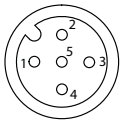
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MIN Trunk Extension - Thick Cable					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 7/8"-16UN2	MINDT-5MFP-**	Gray PVC Trunk Cable AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 600V, 8A -40°C to +80°C 11.2mm OD	Industry Standard PVC MIN to MIN Braided Shield	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8"-16UN2
MIN Drop Extension - Thin Cable					
 7/8"-16UN2	MINDD-5MFP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC MIN to MIN Braided Shield	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 7/8"-16UN2



Male(Male Thread) MIN to Female MIN Extension

MIN Male to MDC Female Extension - Thin Cable					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 7/8"-16UN2	MINDCDD-5MFP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC MIN to MDC Braided Shield	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MINDCDD-5MFP-1M becomes MINDCDD-5MFP-1M-SS)



Male MIN to Female MDC Extension

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DeviceNet

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

DeviceNet Series MDC Cordsets

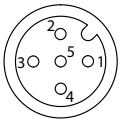
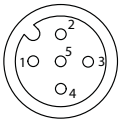
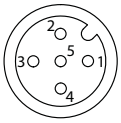
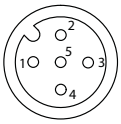
5 Conductor DeviceNet Series Cordsets, 22/24AWG



Double Ended Cordsets | 300 Volt, 4 amps | IP69/IP67 Rating

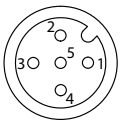
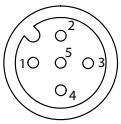


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MDC Male to MDC Female Extension - Thin Cable					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 M12 x 1	MDCDD-5MFP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC MDC to MDC Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1
MDC Male to MDC Female Extension - Ultra Thin Cable					
 M12 x 1	MDCUT-5MFP-**	Gray PVC Drop Cable AWM With Foil Shield 2 X 24 AWG 2 X 24 AWG 1 x 24 AWG (Drain) 300V, 3A -40°C to +80°C 5.7mm OD	Industry Standard PVC Foil Shield IP67	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1



Male MDC to Female MDC Extension

MDC Male to MDC Female Back Mount Receptacles Extension - Thin Cable					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 M12 x 1	MDCDD-5FR-5MP-**	Gray PVC Drop Cable AWM With Braided Shield 2 X 22 AWG 2 X 24 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC Male Plug to Back Mount Female Receptacles Braided Shield IP69	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCDD-5MFP-1M becomes MDCDD-5MFP-1M-SS)



Male MDC to Female MDC Back Mount Receptacle Extension

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



DeviceNet Series Field Wireable Plugs

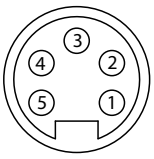
5 Conductor DeviceNet Series Field Wireable Plugs

Field Wireable Plugs | 600V MAX, 18A MAX | 125V, 4A | IP67 Rating

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MIN (7/8" 16UN) Field Wireable Plugs						
# of Poles	Female Faceview	Rating	Wire AWG	Cable O.D. Range	Male Straight	Female Straight
5	 7/8"-16UN2	600V MAX 12A MAX	14-22 AWG	5-13 mm	MIN-5MP-FW-DN	MIN-5FP-FW-DN

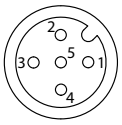
Voltage and amperage ratings are cable dependent and are based on 600V 14 AWG cable.
Cables with lower voltage ratings or smaller wire gauge will lower these ratings.
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MIN-5FP-FW-DN becomes MIN-5FP-FW-DN-SS)



Male Straight with Male Threads



Female Straight Female Threads

MDC (M12) Field Wireable Plugs						
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Male plugs	Female Plugs
5	 M12 x 1	125V 4A	18-24 AWG	3-6.5 mm	MDC-5MP-FW07	MDC-5FP-FW07
		125V 4A	18-24 AWG	4-8 mm	MDC-5MP-FW09	MDC-5FP-FW09

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDC-5FP-FW07 becomes MIN-5FP-FW07-SS)
For right angle version add a "-R" suffix. (e.g. MDC-5FP-FW07 becomes MDC-5FP-FW07-R)



Male Straight with Male Threads



Female Straight Female Threads

Specifications:

Body:	Polyamide	Coupling Nut:	Nickel Plated Brass/Stainless Steel
Insulator:	Black Polyamide	Insert:	PVC
Contacts:	Copper Alloy with Gold Plating	Connections:	Screw Terminals
O-Ring:	NBR	Temperature:	-40 °C to +105°C (-40°F to +194°F)

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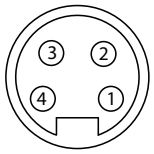
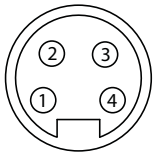
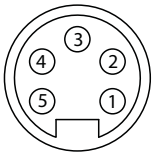
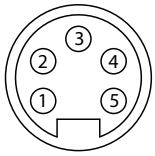
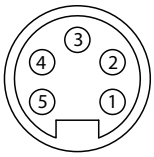
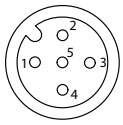
DeviceNet Series “T” Connectors

4 & 5 Conductor DeviceNet Series “T” Connectors

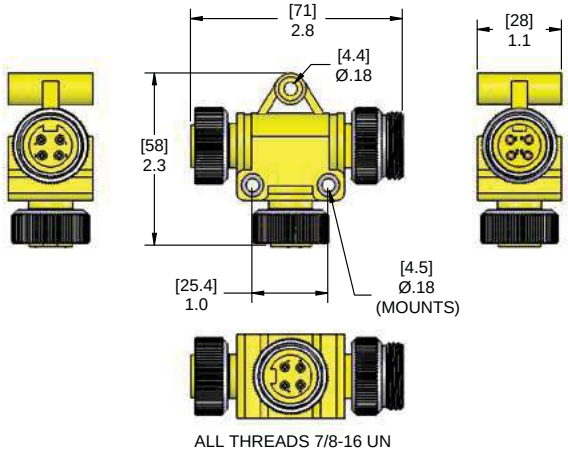


“T” Connectors | 300 Volt, 4/8/10 amps | IP69/IP67 Rating

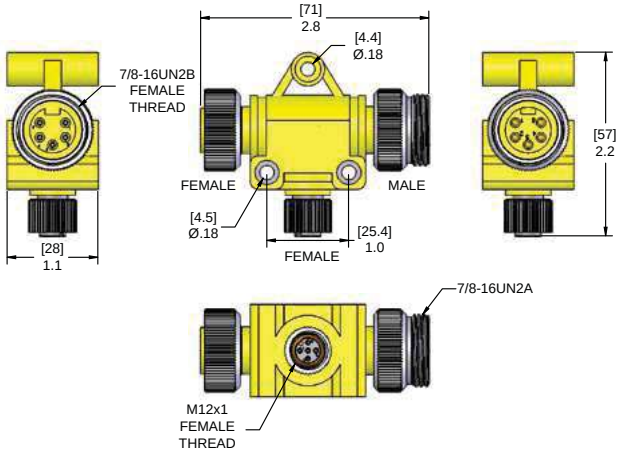
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MIN Male to Two MIN Female “T” Connectors					
# of Poles	**Male Faceview**	**Rating**	**Part Number**	**Wiring**	**Female Faceview**
4 IP69	 7/8”-16UN2	300V 10A	MIN-4MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 7/8”-16UN2
5 IP69	 7/8”-16UN2	300V 8A	MIN-5MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4 5 to 5 to 5	 7/8”-16UN2
MIN Male to MIN & MDC Female “T” Connectors					
5 IP67	 7/8”-16UN2	300V 4A	MINDC-5MFF-T	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4 5 to 5 to 5	 M12 x 1

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a “-SS” suffix. (e.g. MIN-4MFF-T becomes MIN-4MFF-T-SS)



MIN to MIN “T” Connector



MIN to MDC “T” Connector

Specifications:

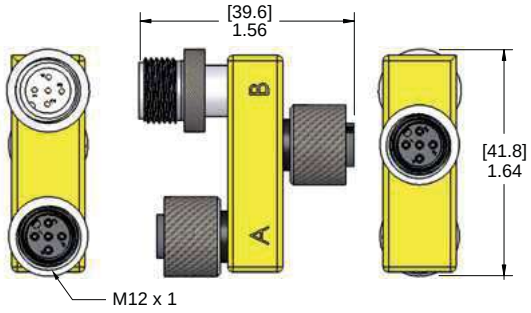
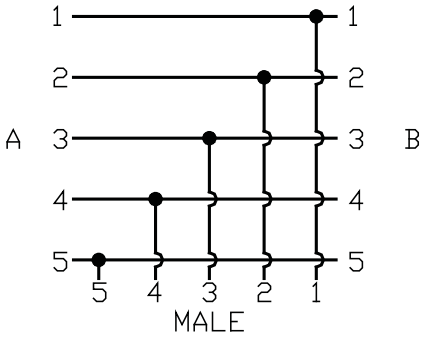
Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Temperature:	-40°C to +105°C (-40°F to +221°F)



DeviceNet Series Splitters

5 Conductor DeviceNet Series Splitters

Splitters | 300 Volt, 4/8/10 amps | IP67 Rating

Housing Style	Rating	Part Number	Circuit
	300V 4A	MDCDN-5FYMF	

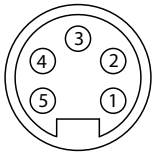
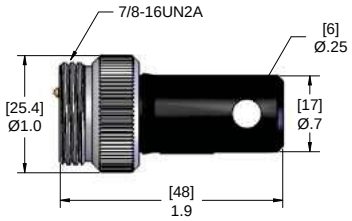
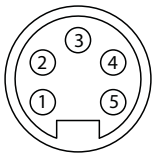
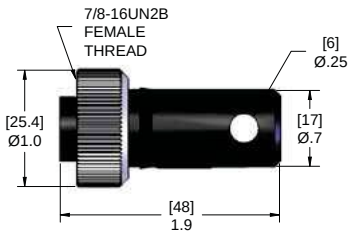
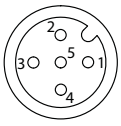
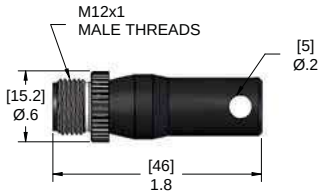
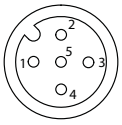
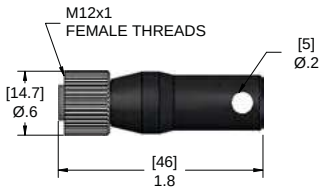
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDCDN-5FYMF becomes MDCDN-5FYMF-SS)

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Temperature:	-40°C to +105°C (-40°F to +221°F)

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Wiring: Pin 4 to pin 5 with 1/4 watt 121 Ohm 1% resistor

# of Poles	Faceview	Housing Style	Part Number
MIN Terminating Plugs			
5	 7/8"-16UN2		MINDN-5MP-DP1
	 7/8"-16UN2		MINDN-5FP-DP1
MDC Terminating Plugs			
5	 M12 x 1		MDCDN-5MP-DP1
	 M12 x 1		MDCDN-5FP-DP1

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MINDN-5FP-DP1 becomes MINDN-5FP-DP1-SS)

Specifications:

Body:	Oil Resistant Black PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Temperature:	-40°C to +105°C (-40°F to +221°F)

Notes:

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DeviceNet Series Receptacles

DeviceNet Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

[ ] - 5 [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Connector Type

MIN = MIN with Discrete Wires (7/8”-16UN)
MINDT = MIN with Trunk Cable (7/8”-16UN)
MINDD = MIN with Drop Cable (7/8”-16UN)
MDC = MDC with Discrete Wires (M12 x 1)

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Mounting Style

Blank = Front Mount 1/2”-14 NPT (Only MIN)
2 = Front Mount 1/2”-14 NPT (Only MDC)
4 = Front Mount 1/4”-18 NPT (Only MDC)
BM = Back Mount
BM-PCB = PCB Back Mount
Metric and PG threads are available by request.

Termination Type

Blank = Pre-Wired
PCB = PCB Mount

Length in Feet/Meter

Blank = 1’ (Only for MDC)

Wire AWG

Blank = 16 AWG for MIN
= 15 & 18 AWG for MINDT
= 22 & 24 AWG for MINDD
18 = 18 AWG
22 = 22 AWG

Receptacle Type

Blank = Trunk/Drop Cable
DN = Discrete Wire Receptacle

R/A or Straight

Blank = Straight
R = Right Angle

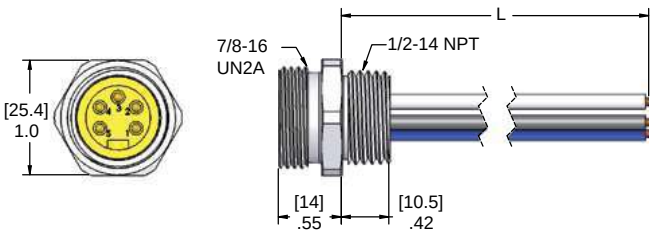
Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

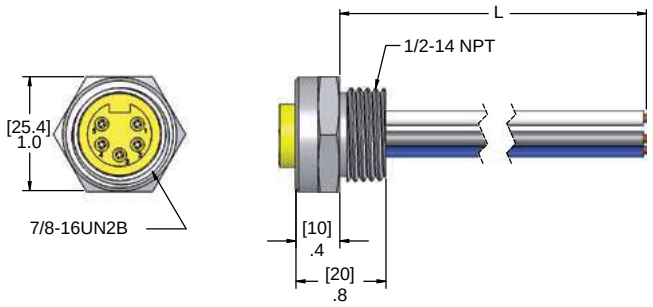
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Front Mount

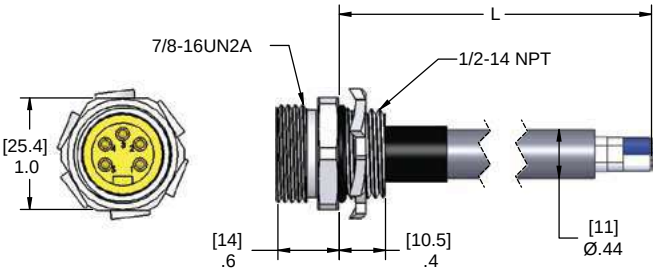
MIN, Front Mount, Male, 1/2”-14NPT Page K-17



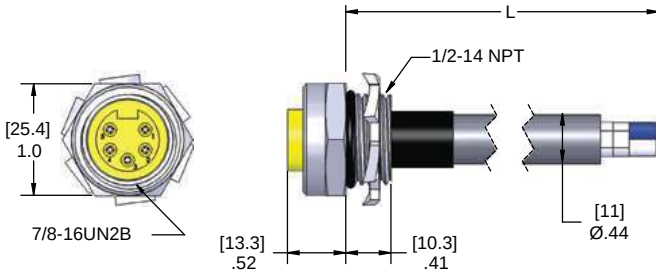
MIN, Front Mount, Female, 1/2”-14NPT Page K-17



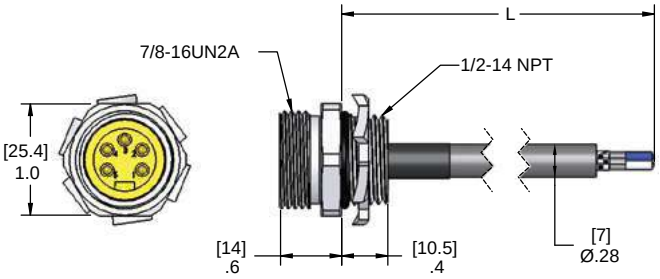
MIN, Front Mount, Male, 1/2”-14NPT, Trunk Cable Page K-17



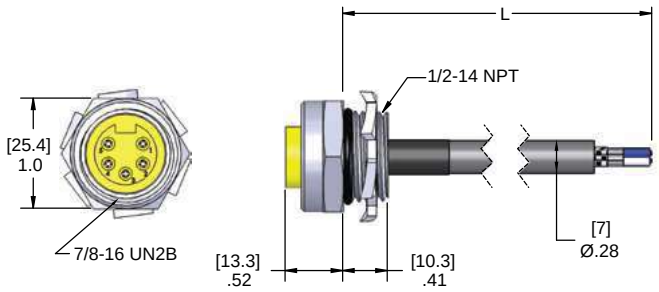
MIN, Front Mount, Female, 1/2”-14NPT, Trunk Cable Page K-17



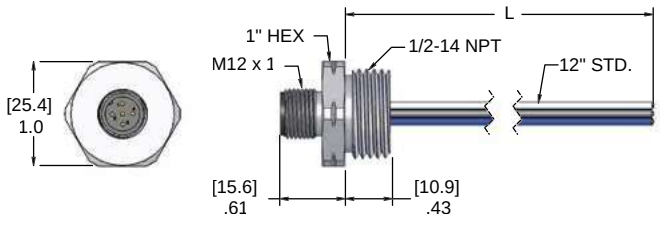
MIN, Front Mount, Male, 1/2”-14NPT, Drop Cable Page K-17



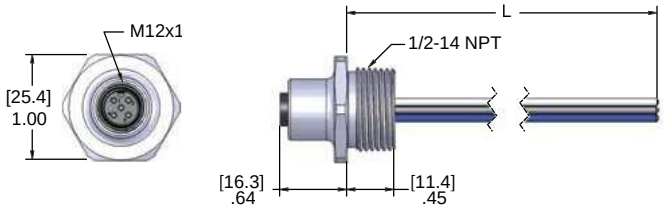
MIN, Front Mount, Female, 1/2”-14NPT, Drop Cable Page K-17



MDC, Front Mount, Male, 1/2”-14NPT Page K-18



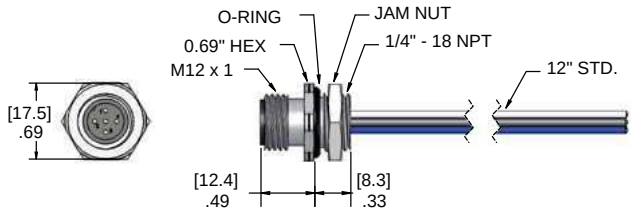
MDC, Front Mount, Female, 1/2”-14NPT Page K-18



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

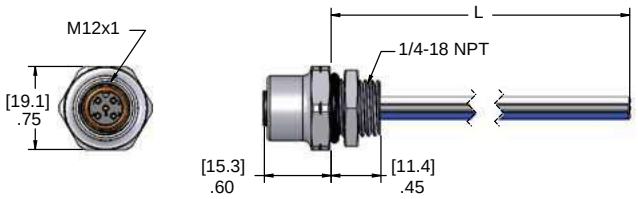
MDC, Front Mount, Male, 1/4”-18NPT

Page K-18



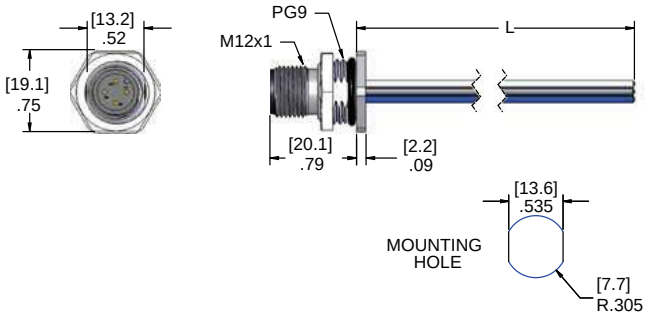
MDC, Front Mount, Female, 1/4”-18NPT

Page K-18



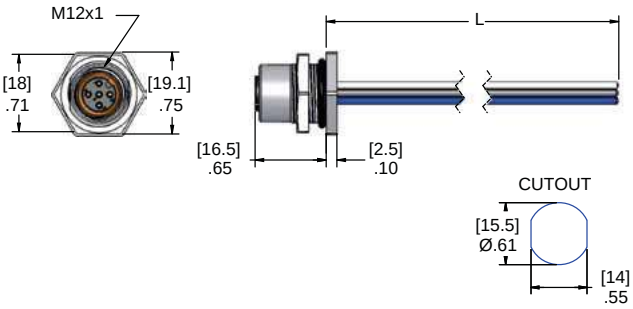
MDC, Back Mount, Male

Page K-18



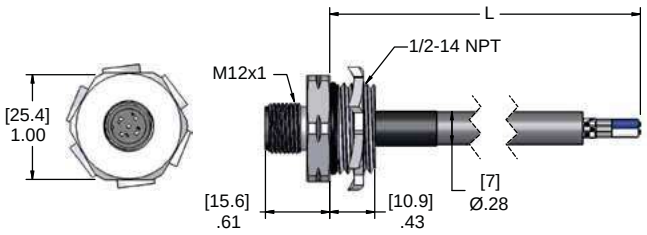
MDC, Back Mount, Female

Page K-18



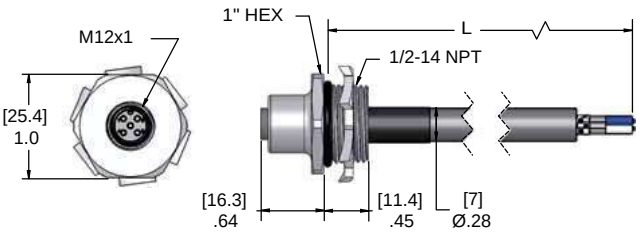
MDC, Front Mount, Male, 1/2”-14NPT, Drop Cable

Page K-19



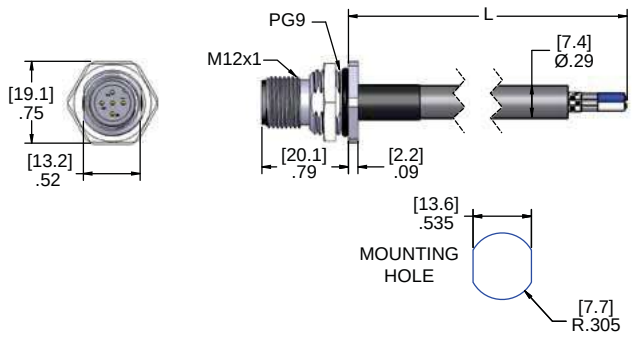
MDC, Front Mount, Female, 1/2”-14NPT, Drop Cable

Page K-19



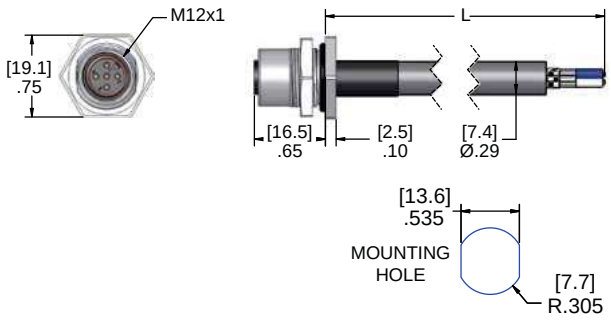
MDC, Back Mount, Male, Drop Cable

Page K-19



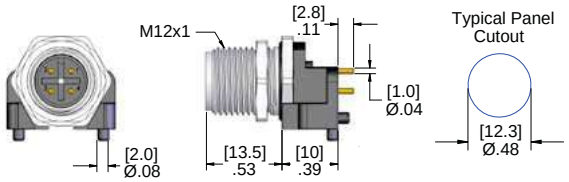
MDC, Back Mount, Female, Drop Cable

Page K-19

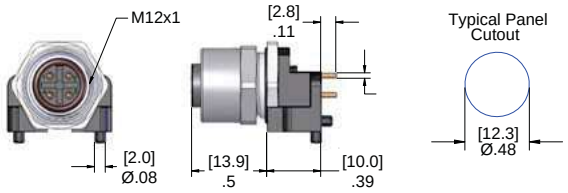


PCB Mount | PCB Back Mount

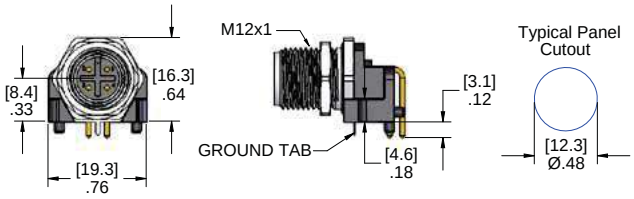
MDC, PCB Mount, Male
Page K-20



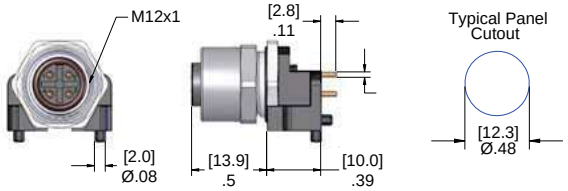
MDC, PCB Mount, Female
Page K-20



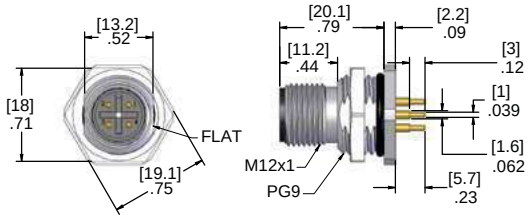
MDC, PCB Mount, Male, Right Angle
Page K-20



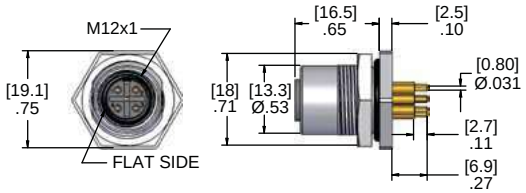
MDC, PCB Mount, Female, Right Angle
Page K-20



MDC, PCB Back Mount, Male
Page K-20



MDC, PCB Back Mount, Female
Page K-20



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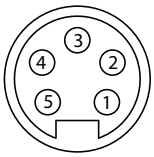
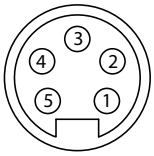
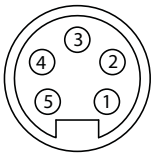
DeviceNet Series MIN Receptacles

5 Conductor DeviceNet Series MIN Receptacles



Front Mount Receptacles | 1/2”-14 NPT Threads | 600V, 8A | 300V, 5.5A | 300V, 4A | IP69/IP67 Rating

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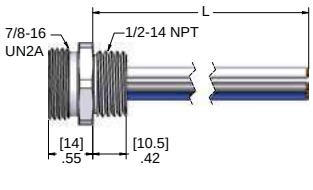
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Straight	Female Straight	Figure
Min Series Receptacles							
5 IP69	 7/8”-16UN2	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	600V / 8A	16 AWG	MIN-5MR-*-DN	MIN-5FR-*-DN	Figure A
			300V / 5.5A	18 AWG	MIN-5MR-*-18-DN	MIN-5FR-*-18-DN	
			300V / 4A	22 AWG	MIN-5MR-*-22-DN	MIN-5FR-*-22-DN	
Trunk Cable - Thick Cable							
5 IP67	 7/8”-16UN2	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 8A	15 & 18 AWG	MINDT-5MR-**	MINDT-5FR-**	Figure B
Drop Cable - Thin Cable							
5 IP67	 7/8”-16UN2	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 4A	22 & 24 AWG	MINDD-5MR-**	MINDD-5FR-**	Figure B

* Lengths in feet. 12” leads are standard.

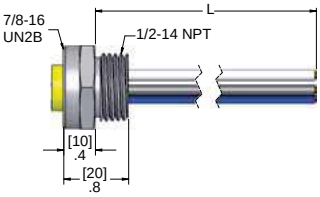
** Lengths in meters.

Metric and PG threads are available, please consult the factory.
For leads version O-ring and lock nut are included on lengths of 15” or longer.

Figure A

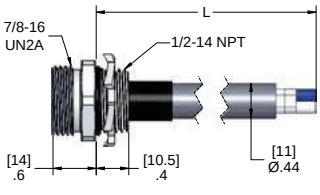


Male Receptacle

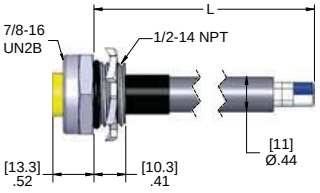


Female Receptacle

Figure B



Male Receptacle



Female Receptacle

Specifications:

Shell: Clear Anodized Aluminum
Insulator: 105ºC, Oil Resistant Yellow PVC
Wire: 16 AWG: UL Style 1015, 600V
18 & 22 AWG: UL Style 1007/1569, 300V
Cable: DeviceNet Drop or DeviceNet Trunk

Contacts: Copper Alloy with Gold Plating
O-Ring: NBR
Lock Nut: Zinc Plated Steel
Temperature: -40ºC to 90ºC (-40ºF to +194ºF) - Cable Version
-40ºC to 105ºC (-40ºF to +221ºF) - Discrete Wire

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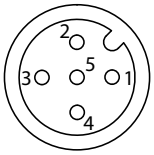
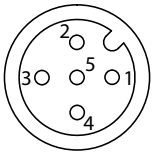


DeviceNet Series MDC Receptacles

5 Conductor DeviceNet Series MDC Receptacles, 18 & 22AWG

Front & Back Mount Receptacles | 1/2" & 1/4" NPT Threads | 300 Volt, 4 amps | IP69 Rating

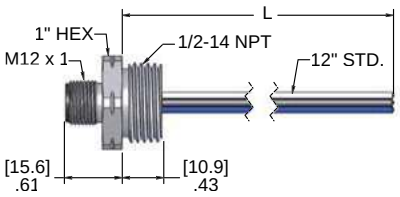
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Thread	Male Receptacle	Female Receptacle
Front Mount Receptacles							
5	 M12 x 1	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 4A	18 AWG	1/2" NPT	MDC-5MR-2-18-DN	MDC-5FR-2-18-DN
					1/4" NPT	MDC-5MR-4-18-DN	MDC-5FR-4-18-DN
				22 AWG	1/2" NPT	MDC-5MR-2-22-DN	MDC-5FR-2-22-DN
					1/4" NPT	MDC-5MR-4-22-DN	MDC-5FR-4-22-DN
Back Mount Receptacles							
5	 M12 x 1	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 4A	18 AWG	N/A	MDC-5MR-BM-18-DN	MDC-5FR-BM-18-DN
				22 AWG	N/A	MDC-5MR-BM-22-DN	MDC-5FR-BM-22-DN

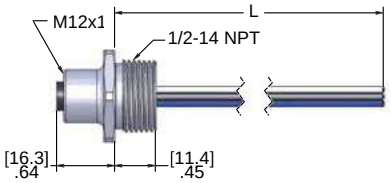
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.

See Page K-17 for Faveview.

1/2"-14NPT Mounting Threads

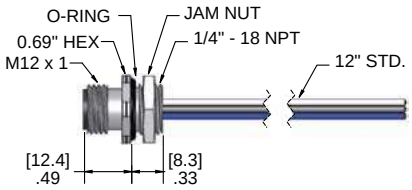


Male Receptacle

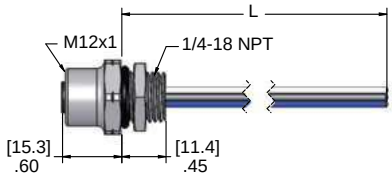


Female Receptacle

1/4"-18NPT Mounting Threads

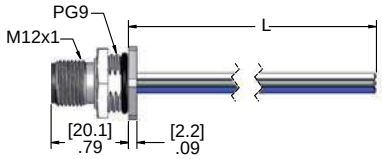


Male Receptacle

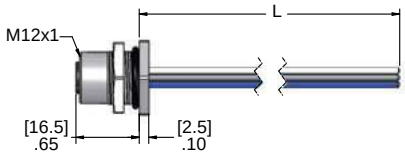


Female Receptacle

Back Mount Receptacles



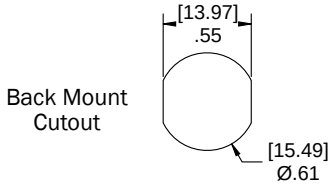
Male Receptacle



Female Receptacle

Specifications:

Body:	1/2" NPT: Clear Anodized Aluminum 1/4" NPT: Nickel Plated Brass
Insulator:	Polyamide
Wire:	18 & 22 AWG 300V, UL Style 1007/1569
Contacts:	Copper Alloy with Gold Plating
Lock Nut:	Zinc Plated Steel
Jam Nut:	Nickel Plated Brass
O-Ring:	NBR
Temperature:	-40°C to + 105°C (-40°F to +221°F)



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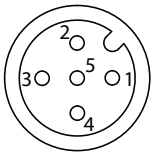
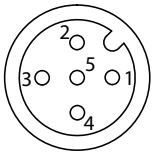
DeviceNet Series MDC Receptacles

5 Conductor DeviceNet Series MDC Receptacles, 22 & 24AWG



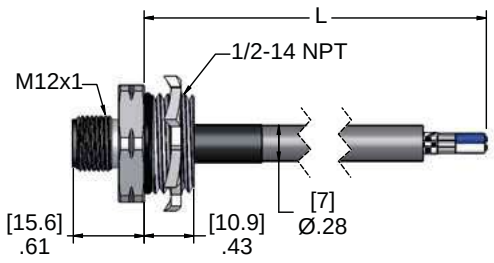
Front & Back Mount Receptacles with Drop Cable | 300 Volt, 4 amps | IP67 Rating

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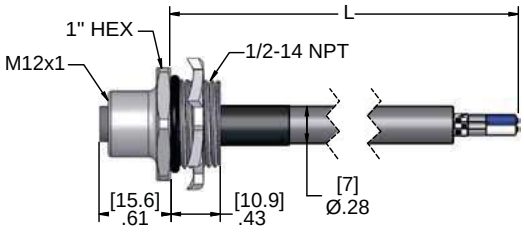
Front Mount Receptacles with Drop Cable - 1/2" NPT						
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacle	Female Receptacle
5	 M12 x 1	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 4A	22 & 24 AWG	MDCDD-5MR-2-**	MDCDD-5FR-2-**
Back Mount Receptacles with Drop Cable						
5	 M12 x 1	1. Bare (Drain) 2. Red (V+) 3. Black (V-) 4. White (CAN_H) 5. Blue (CAN_L)	300V 4A	22 & 24 AWG	MDCDD-5MR-BM-**	MDCDD-5FR-BM-**

** Lengths in meters.

Standard Receptacles with Drop Cables

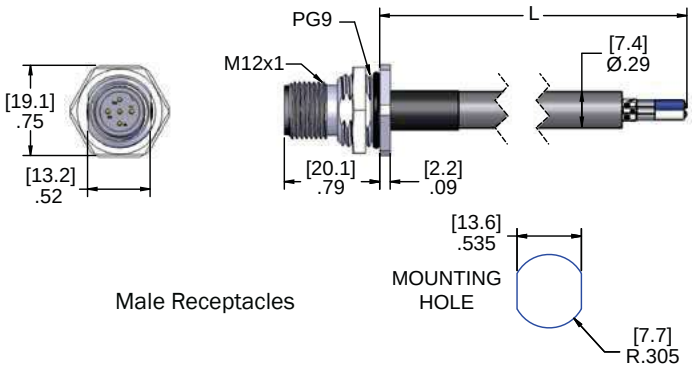


Male Receptacles

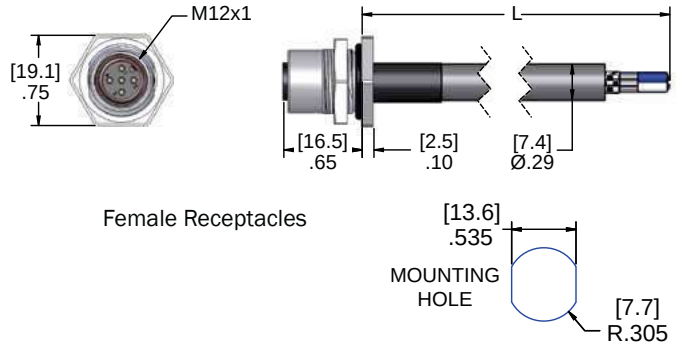


Female Receptacles

Back Mount Receptacles with Drop Cables



Male Receptacles



Female Receptacles

K

DeviceNet

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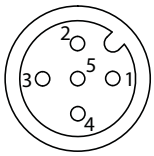


DeviceNet Series MDC Receptacles

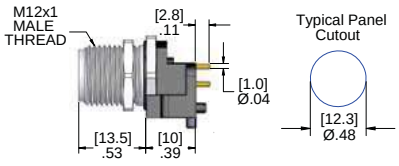
5 Conductor DeviceNet Series MDC Receptacles

PCB Mount & PCB Back Mount Receptacles | 300 Volt, 4 amps | IP69 Rating

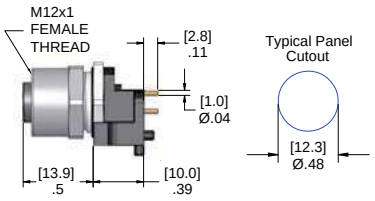
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# of Poles	Male Faceview	Rating	Style	Male Receptacle	Female Receptacle
5	 M12 x 1	300V 4A	Front Mount Straight	MDC-5MR-PCB	MDC-5FR-PCB
			Front Mount Right Angle	MDC-5MR-PCB-R	MDC-5FR-PCB-R
			Back Mount	MDC-5MR-BM-PCB	MDC-5FR-BM-PCB

PCB Receptacles

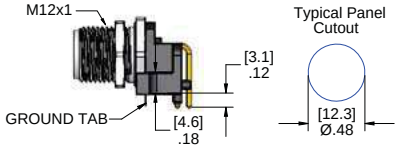


Male Receptacles

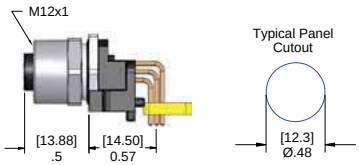


Female Receptacles

PCB Receptacles Right Angle

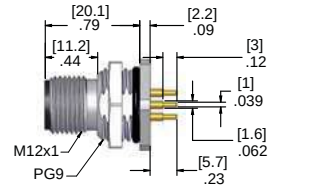


Male Receptacles

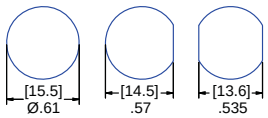


Female Receptacles

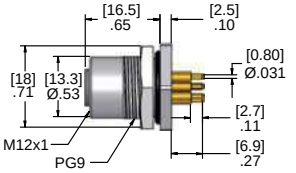
PCB Back Mount Receptacles

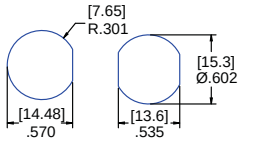


POSSIBLE MOUNTING HOLE DIMENSIONS



Male Receptacles





SUGGESTED PANEL CUTOUTS

Female Receptacles

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

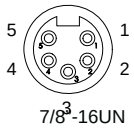
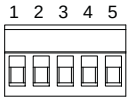
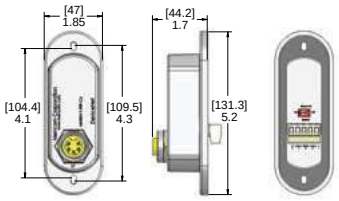
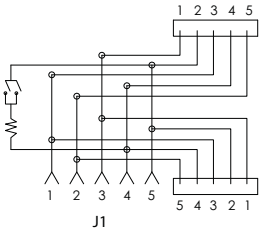
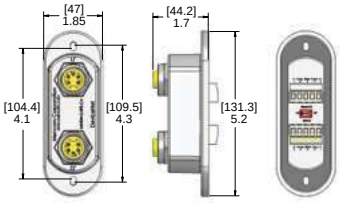
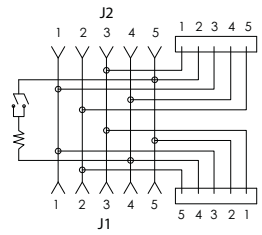
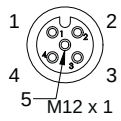
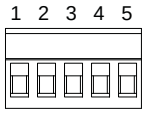
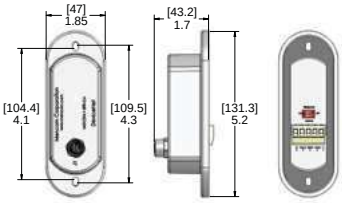
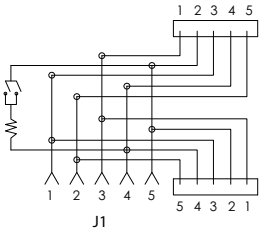
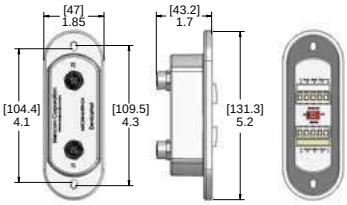
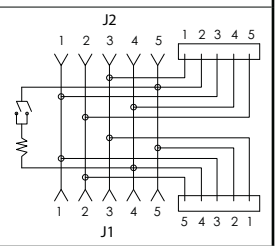
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

DeviceNet Series Conduit Adapters

5 Conductor DeviceNet Series Conduit Adapters

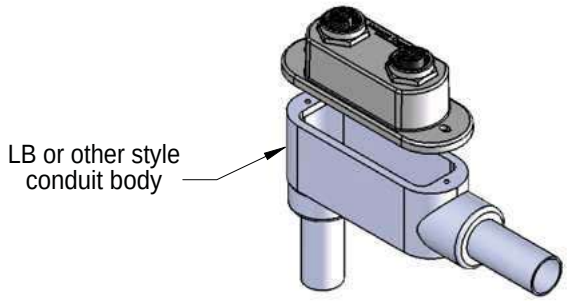


MIN & MDC Conduit Adapters | 1 & 2 Port | 40V, 4A | 40V, 8A | IP67 Rating

MIN (7/8”-16UN) Conduit Adapters						
# of Poles	**Faceview**	**Rating**	**# of Ports**	**Part Number**	**Body Style**	**Circuit**
5	 1 = DRAIN 2 = +V 3 = -V 4 = CAN_H 5 = CAN_L  1 = -V 2 = CAN_L 3 = DRAIN 4 = CAN_H 5 = +V	40V 8A	1 Port	MINDN-1-5FR-CA		
			2 Port	MINDN-2-5FR-CA		
MDC (M12) Conduit Adapters						
5	 1 = DRAIN 2 = +V 3 = -V 4 = CAN_H 5 = CAN_L  1 = -V 2 = CAN_L 3 = DRAIN 4 = CAN_H 5 = +V	40V 4A	1 Port	MDCDN-1-5FR-CA		
			2 Port	MDCDN-2-5FR-CA		

Specifications:

Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40ºC to 70ºC (-40ºF to +158ºF)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

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DeviceNet Series Junction Blocks

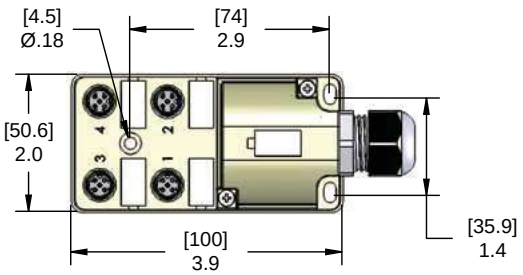
4 Port, 5 Conductor DeviceNet Series Junction Blocks

Junction Blocks | No Electronics | 4 Port, 5 Conductor | 300 Volt, 8 amps | IP67 Rating

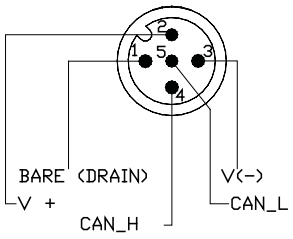
c UL us LISTED

Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDN-450-005-F000
	UL Listed	Gray PVC AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 11.2mm OD	JDN-450-005-C**
	N/A	M12 5 Pole Male Receptacle	JDN-450-005-E000
	N/A	MIN Size I 5 Pole Male Receptacle	JDN-450-005-M000
 0.3m Shown	N/A	DeviceNet MIN Size I 5 Pole Male Plug	JDN-450-005-M***

** Lengths in meters. Standard cable lengths are 0.3, 2, 5 & 10 meters. Consult factory for other lengths.



All Port Pin Wiring



Specifications:

Housing:	Glass Filled PBT	Gasket:	NBR
Insert:	Polyamide	Temperature:	-40°C to 70°C (-40°F to +158°F)
Contacts:	Copper Alloy with Gold Plating		

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DeviceNet Series Junction Blocks

6 Port, 5 Conductor DeviceNet Series Junction Blocks



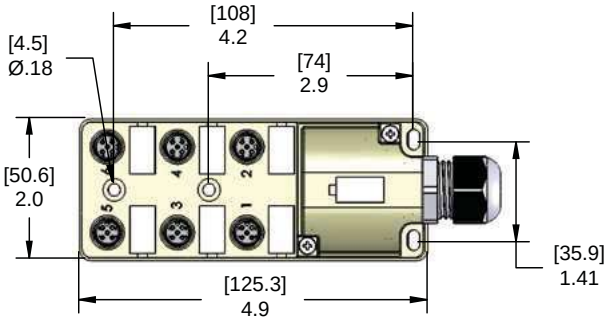
Junction Blocks | No Electronics | 6 Port, 5 Conductor | 300 Volt, 8 amps | IP67 Rating

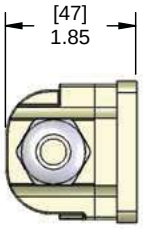
c UL us LISTED

Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDN-650-005-F000
	UL Listed	Gray PVC AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 11.2mm OD	JDN-650-005-C**
	N/A	M12 5 Pole Male Receptacle	JDN-650-005-E000
	N/A	MIN Size I 5 Pole Male Receptacle	JDN-650-005-M000
 0.3m Shown	N/A	DeviceNet MIN Size I 5 Pole Male Plug	JDN-650-005-M***

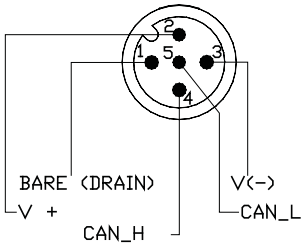
** Lengths in meters. Standard cable lengths are 0.3, 2, 5 & 10 meters. Consult factory for other lengths.

*** Standard length for junction blocks with cable & plug is 0.3m with male threads on the plug. Cable & plug lengths longer than 0.3m will have female threads.





All Port Pin Wiring



Specifications:

Housing:	Glass Filled PBT	Gasket:	NBR
Insert:	Polyamide	Temperature:	-40°C to 70°C (-40°F to +158°F)
Contacts:	Copper Alloy with Gold Plating		

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DeviceNet Series Junction Blocks

8 Port, 5 Conductor DeviceNet Series Junction Blocks

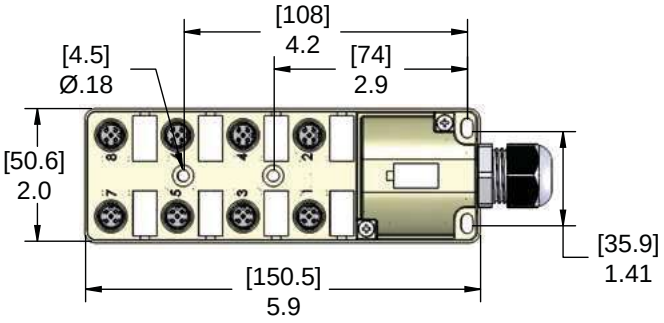
Junction Blocks | No Electronics | 8 Port, 5 Conductor | 300 Volt, 8 amps | IP67 Rating

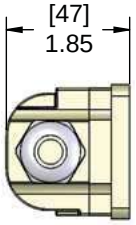
c UL us LISTED

Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDN-850-005-F000
	UL Listed	Gray PVC AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 11.2mm OD	JDN-850-005-C**
	N/A	M12 5 Pole Male Receptacle	JDN-850-005-E000
	N/A	MIN Size I 5 Pole Male Receptacle	JDN-850-005-M000
 0.3m Shown	N/A	DeviceNet MIN Size I 5 Pole Male Plug	JDN-850-005-M***

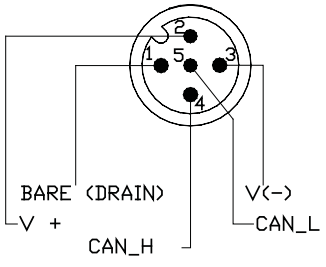
** Lengths in meters. Standard cable lengths are 0.3, 2, 5 & 10 meters. Consult factory for other lengths.

*** Standard length for junction blocks with cable & plug is 0.3m with male threads on the plug. Cable & plug lengths longer than 0.3m will have female threads.





All Port Pin Wiring



Specifications:

Housing:	Glass Filled PBT	Gasket:	NBR
Insert:	Polyamide	Temperature:	-40°C to 70°C (-40°F to +158°F)
Contacts:	Copper Alloy with Gold Plating		

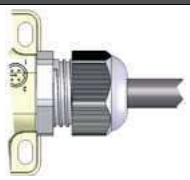
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DeviceNet Series Junction Blocks

10 Port, 5 Conductor DeviceNet Series Junction Blocks

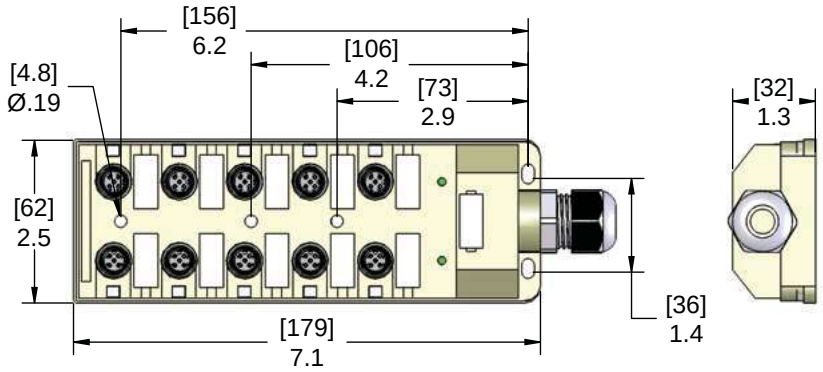


Junction Blocks | No Electronics | 10 Port, 5 Conductor | 300 Volt, 8 amps | IP67 Rating

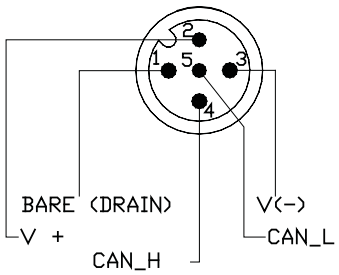
Trunk Style	UL Rating	Trunk Connection	Part Number
	N/A	Gray PVC AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 11.2mm OD	JDN-050-005-C**
	N/A	M12 5 Pole Male Receptacle	JDN-050-005-E000
	N/A	MIN Size I 5 Pole Male Receptacle	JDN-050-005-M000
 0.3m Shown	N/A	DeviceNet MIN Size I 5 Pole Male Plug	JDN-050-005-M***

** Lengths in meters. Standard cable lengths are 0.3, 2, 5 & 10 meters. Consult factory for other lengths.

*** Standard length for junction blocks with cable & plug is 0.3m with male threads on the plug. Cable & plug lengths longer than 0.3m will have female threads.



All Port Pin Wiring



Specifications:

Housing:	Polypropylene	Gasket:	NBR
Insert:	Polyamide	Temperature:	-40°C to 70°C (-40°F to +158°F)
Contacts:	Copper Alloy with Gold Plating		

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DeviceNet Series Junction Blocks

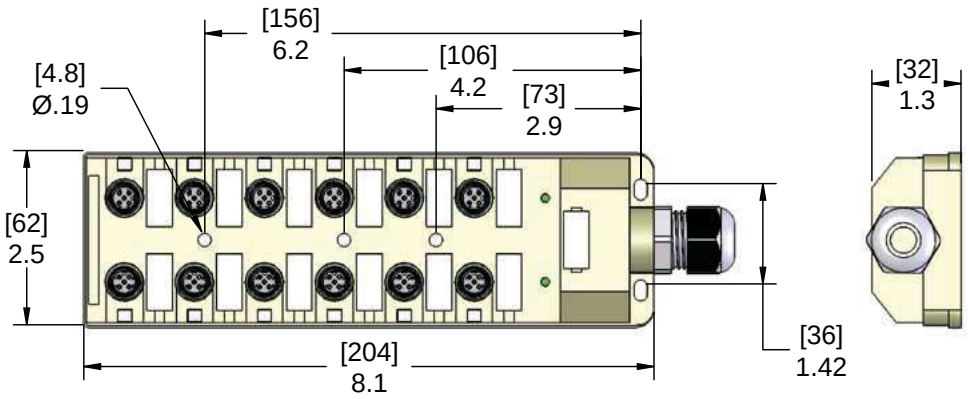
12 Port, 5 Conductor DeviceNet Series Junction Blocks

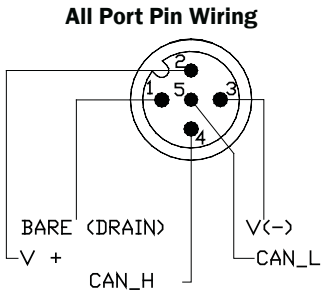
Junction Blocks | No Electronics | 12 Port, 5 Conductor | 300 Volt, 8 amps | IP67 Rating

Trunk Style	UL Rating	Trunk Connection	Part Number
	N/A	Gray PVC AWM With Braided Shield 2 X 15 AWG 2 X 18 AWG 1 x 18 AWG (Drain) 11.2mm OD	JDN-250-005-C**
	N/A	M12 5 Pole Male Receptacle	JDN-250-005-E000
	N/A	MIN Size I 5 Pole Male Receptacle	JDN-250-005-M000
 0.3m Shown	N/A	DeviceNet MIN Size I 5 Pole Male Plug	JDN-250-005-M***

** Lengths in meters. Standard cable lengths are 0.3, 2, 5 & 10 meters. Consult factory for other lengths.

*** Standard length for junction blocks with cable & plug is 0.3m with male threads on the plug. Cable & plug lengths longer than 0.3m will have female threads.





Specifications:

Housing:	Polypropylene	Gasket:	NBR
Insert:	Polyamide	Temperature:	-40°C to 70°C (-40°F to +158°F)
Contacts:	Copper Alloy with Gold Plating		

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Ethernet Series

Etherplug (M12)

Over-Molded Cordsets | Armored Cordsets | Receptacles | Field Wireables | Swiches | Accessories

UL File #:
E149111

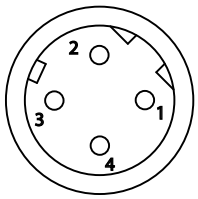
Industrial network systems allow for real-time distributed control of many connection points from a single controller. These “network bus” systems reduce the total amount of cable required and can simplify the overall design. Mencom offers a broad range of industrial network connectivity products to streamline your installation.

Industrial Ethernet

Using Ethernet in industrial applications is becoming more prevalent. This has increased the need for Ethernet product that is built to handle harsh environments. Mencom has addressed this need with a series of rugged Ethernet products. Our E45V3 series connectors allow for an IP67 rating while using standard RJ45 connectors.

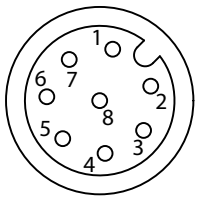
Mencom offers M12 threaded connectors. We refer to this series with a MDE45 prefix. Our MDE45 series utilizes M12 4 wire (D-Coded) connectors with 2 pair Cat 5e cables or M12 8 wire (A-Coded) connectors with 4 pair Cat 5e cable. The MDE45 is specifically used in Industrial Ethernet applications, and has teal cable using twisted pairs of wires inside. This connector has a unique keyway that is known as D-coded.

4 Pole



D-coded

8 Pole



A-coded









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Ethernet Series

Etherplug (M12)

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Cordsets
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- Right Angle ..... L-8 ~ L-11
- Double Ended ..... L-12 ~ L-17
- RJ45 ..... L-18
- Armored L-19

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Cordset Accessories
- Raw Cables ..... L-22 ~ L-23

Receptacles
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- Back Mount ..... L-34 ~ L-35
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- Panel Mount L-37
- Through Panel Mount L-38

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Ethernet (M12) Series Etherplug Cordsets

Ethernet Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

MDE45 [ ] - [ ] [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Cable Type

Blank	=	PVC
P	=	PUR
PB	=	PUR / Braided Shield
M	=	Mylar Shield
WB	=	Continuous Flex. TPE / Braided

Number of Conductors

4
8

Connector Configuration

MP	=	Male Plug
FP	=	Female Plug
MFP	=	Male / Female Extension
MFRP	=	Male Straight / Female Right Angle
MRFP	=	Male Right Angle / Female Straight
MMP	=	Male/Male Extension
FFP	=	Female/Female Extension
MSP	=	Male-Shielded to Coupling Nut
FSP	=	Female-Shielded to Coupling Nut
MFPS	=	Male & Female-Shielded to Coupling Nut
MSFP	=	Male Shielded to Coupling Nut / Female Not
MFSP	=	Female Shielded to Coupling Nut / Male Not
MMSP	=	Male/Male Shielded to Coupling Nut
FFSP	=	Female/Female Shielded to Coupling Nut

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

RJ45

RJ45	=	RJ45 Male on Second End

Armor (See **L-19** for more details)

Blank	=	No Armor
A01	=	SS w/ Cable Inside
A03	=	PVC Covered SS w/ Cable Inside
A50	=	Silicone (Stops at Overmold)
A51	=	Silicone (Covers Overmold)

Coupling Nut

Blank	=	Nickel plated brass
SS	=	Stainless Steel

Cable Jacket Color

Blank	=	Teal
RD	=	Red

R/A or Straight

Blank	=	Straight *
R	=	Right Angle **

* Unless the Connector Configuration is MFRP or MRFP
** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

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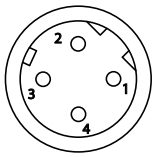
Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Straight Male Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-4MP-**	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
	MDE45B-4MP-**	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45B-4MSP-**	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield to Coupling Nut		
	MDE45P-4MP-**	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-4MP-**	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45PB-4MSP-**	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
	MDE45WB-4MP-** (Teal) MDE45WB-4MP-**-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
	MDE45WB-4MSP-** (Teal) MDE45WB-4MSP-**-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MP-1M becomes MDE45-4MP-1M-SS)

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Ethernet (M12) Series Etherplug Cordsets

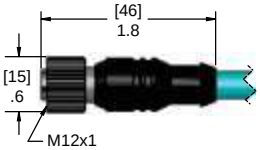
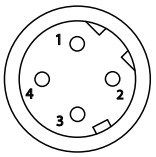
4 Conductor Ethernet Series Cordsets, 24AWG



Straight Female Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-4FP-**	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
	MDE45B-4FP-**	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45B-4FSP-**	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield to Coupling Nut		
	MDE45P-4FP-**	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-4FP-**	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45PB-4FSP-**	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
	MDE45WB-4FP-** MDE45WB-4FP-**-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
	MDE45WB-4FSP-** (Teal) MDE45WB-4FSP-**-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4FP-1M becomes MDE45-4FP-1M-SS)

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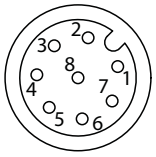
Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG

Straight Male Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-8MP-**	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
	MDE45B-8MP-**	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-8MP-**	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-8MP-**	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45PB-8MSP-**	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
	MDE45WB-8MP-**	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
	MDE45WB-8MSP-**	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8MP-1M becomes MDE45-8MP-1M-SS)

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Ethernet (M12) Series Etherplug Cordsets

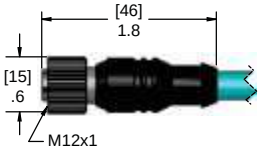
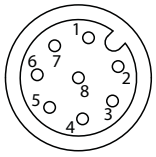
8 Conductor Ethernet Series Cordsets, 24/26AWG



Straight Female Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



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Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-8FP-**	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
	MDE45B-8FP-**	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-8FP-**	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-8FP-**	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45PB-8FSP-**	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut		
	MDE45WB-8FP-**	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		
	MDE45WB-8FSP-**	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-1M becomes MDE45-8FP-1M-SS)

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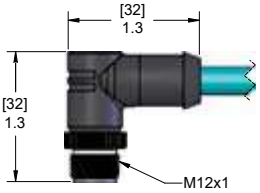
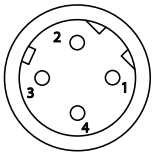
Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Right Angle Male Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-4MP-**-R	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
	MDE45B-4MP-**-R	Teal PVC AWM With Foil & Braided Shield 4 X 26 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-4MP-**-R	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-4MP-**-R	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45WB-4MP-**-R (Teal) MDE45WB-4MP-**-R-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MP-1M-R becomes MDE45-4MP-1M-R-SS)

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Ethernet (M12) Series Etherplug Cordsets

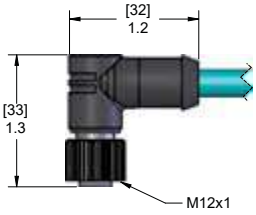
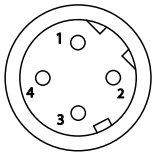
4 Conductor Ethernet Series Cordsets, 24AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | CAT5e | D-Coded | Twisted Pairs | IP67 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-4FP-**-R	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	1. White/Orange 2. White/Green 3. Orange 4. Green	 M12 x 1
	MDE45B-4FP-**-R	Teal PVC AWM With Foil & Braided Shield 4 X 26 AWG 300V, 4A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-4FP-**-R	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-4FP-**-R	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45WB-4FP-**-R (Teal) MDE45WB-4FP-**-R-RD (Red)	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4FP-1M-R becomes MDE45-4FP-1M-R-SS)

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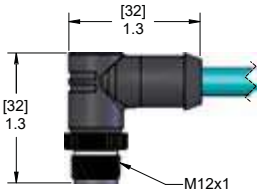
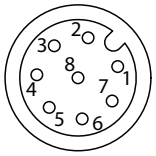
Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG

Right Angle Male Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating

c UL us LISTED



Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-8MP-**-R	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
	MDE45B-8MP-**-R	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-8MP-**-R	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-8MP-**-R	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45WB-8MP-**-R	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8MP-1M-R becomes MDE45-8MP-1M-R-SS)

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Ethernet (M12) Series Etherplug Cordsets

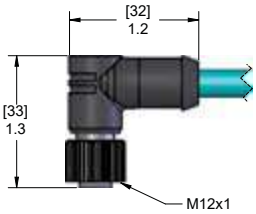
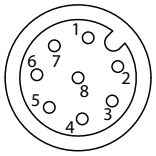
8 Conductor Ethernet Series Cordsets, 24/26AWG



Right Angle Female Cordsets | 60 Volt, 2 amps | CAT5e | A-Coded | Twisted Pairs | IP67 Rating



c UL us LISTED

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDE45-8FP-**-R	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	1. White/Blue 2. White/Brown 3. Brown 4. Orange 5. White/Green 6. White/Orange 7. Blue 8. Green	 M12 x 1
	MDE45B-8FP-**-R	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield		
	MDE45P-8FP-**-R	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR		
	MDE45PB-8FP-**-R	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield		
	MDE45WB-8FP-**-R	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield		

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-1M-R becomes MDE45-8FP-1M-R-SS)

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Ethernet (M12) Series Etherplug Cordsets

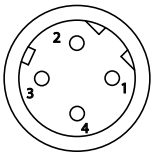
4 Conductor Ethernet Series Cordsets, 24AWG

Double Ended Cordsets | 300V, 4A | CAT5e | D-Coded | Twisted Pairs | IP67 Rating

c UL us LISTED

Only Male to Female versions are UL listed for safety concerns



Male Faceview	Cables	Features	Male to Female c UL us LISTED	Male to Male	Female to Female
 M12 x 1	Teal PVC AWM 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC	MDE45-4MFP-**	MDE45-4MMP-**	MDE45-4FFP-**
	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -20°C to +80°C 6.1mm OD	Industry Standard PVC Foil & Braided Shield	MDE45B-4MFP-**	MDE45B-4MMP-**	MDE45B-4FFP-**
	Teal PUR AWM 4 X 24 AWG 300V, 4A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	MDE45P-4MFP-**	MDE45P-4MMP-**	MDE45P-4FFP-**
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	MDE45PB-4MFP-**	MDE45PB-4MMP-**	MDE45PB-4FFP-**
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut	MDE45PB-4MFPS-**	MDE45PB-4MMPS-**	MDE45PB-4FFPS-**
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	MDE45WB-4MFP-** (Teal) MDE45WB-4MFP-**-RD (Red)	MDE45WB-4MMP-** (Teal) MDE45WB-4MMP-**-RD (Red)	MDE45WB-4FFP-** (Teal) MDE45WB-4FFP-**-RD (Red)
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 300V, 4A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut	MDE45WB-4MFPS-** (Teal) MDE45WB-4MFPS-**-RD (Red)	MDE45WB-4MMPS-** (Teal) MDE45WB-4MMPS-**-RD (Red)	MDE45WB-4FFPS-** (Teal) MDE45WB-4FFPS-**-RD (Red)

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MFP-1M becomes MDE45-4MFP-1M-SS)



Male Plug



Female Plug

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Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG

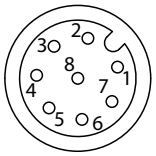


Double Ended Cordsets | 60V, 2A | CAT5e | Twisted Pairs | IP67 Rating



Only Male to Female versions are UL listed for safety concerns

c UL us LISTED

Male Faceview	Cables	Features	Male to Female c UL us LISTED	Male to Male	Female to Female
 M12 x 1	Teal PVC AWM 8 X 24 AWG 60V, 2A -20°C to +80°C 6.4mm OD	Industry Standard PVC	MDE45-8MFP-**	MDE45-8MMP-**	MDE45-8FFP-**
	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield	MDE45B-8MFP-**	MDE45B-8MMP-**	MDE45B-8FFP-**
	Teal PUR AWM 8 X 24 AWG 60V, 2A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	MDE45P-8MFP-**	MDE45P-8MMP-**	MDE45P-8FFP-**
	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6.3mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	MDE45PB-8MFP-**	MDE45PB-8MMP-**	MDE45PB-8FFP-**
	Teal PUR With Foil & Braided Shield 8 X 26 AWG 60V, 2A -40°C to +75°C 6.3mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield to Coupling Nut	MDE45PB-8MFPS-**	MDE45PB-8MMPS-**	MDE45PB-8FFPS-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	MDE45WB-8MFP-**	MDE45WB-8MMP-**	MDE45WB-8FFP-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 60V, 2A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield to Coupling Nut	MDE45WB-8MFPS-**	MDE45WB-8MMPS-**	MDE45WB-8FFPS-**

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8MFP-1M becomes MDE45-8MFP-1M-SS)



Male Plug



Female Plug

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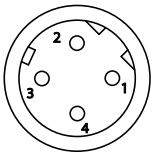


Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | D-Coded | Twisted Pairs | IP20 Rating



Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM 4 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.1mm OD	Industry Standard PVC	Shield not Terminated	MDE45-4MP-RJ45-**	MDE45-4FP-RJ45-**
	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield	Shield not Terminated	MDE45B-4MP-RJ45-**	MDE45B-4FP-RJ45-**
	Teal PUR AWM 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 5.6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	Shield not Terminated	MDE45P-4MP-RJ45-**	MDE45P-4FP-RJ45-**
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield not Terminated	MDE45PB-4MP-RJ45-**	MDE45PB-4FP-RJ45-**
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield not Terminated	MDE45WB-4MP-RJ45-** (Teal) MDE45WB-4MP-RJ45-**-RD (Red)	MDE45WB-4FP-RJ45-** (Teal) MDE45WB-4FP-RJ45-**-RD (Red)

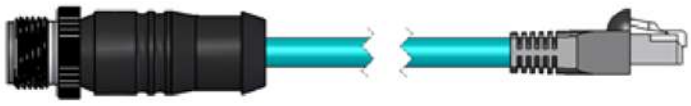
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MP-RJ45-1M becomes MDE45-4MP-RJ45-1M-SS)

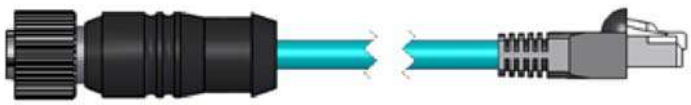
Red cable jacket is available only for TPE, for red cable jacket add a "-RD" suffix. (e.g. MDE45WB-4MSP-RJ45-1M becomes MDE45WB-4MSP-RJ45-1M-RD)

Mencom Standard Cable Color Code

MDE45		Color		RJ45
1		White/Orange		1
3		Orange		2
2		White/Green		3
4		Green		6



Male - RJ45 Extension



Female - RJ45 Extension

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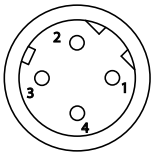
Ethernet (M12) Series Etherplug Cordsets

4 Conductor Ethernet Series Cordsets, 24AWG



Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | D-Coded | Twisted Pairs | IP20 Rating



Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.6mm OD	Industry Standard PVC Foil & Braided Shield	Shield to Coupling Nut	MDE45B-4MSP-RJ45-**	MDE45B-4FSP-RJ45-**
			Shield to RJ45	MDE45B-4MP-RJ45S-**	MDE45B-4FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45B-4MSP-RJ45S-**	MDE45B-4FSP-RJ45S-**
	Teal PUR AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.4mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield to Coupling Nut	MDE45PB-4MSP-RJ45-**	MDE45PB-4FSP-RJ45-**
			Shield to RJ45	MDE45PB-4MP-RJ45S-**	MDE45PB-4FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45PB-4MSP-RJ45S-**	MDE45PB-4FSP-RJ45S-**
	TPE AWM With Foil & Braided Shield 4 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield to Coupling Nut	MDE45WB-4MSP-RJ45-**	MDE45WB-4FSP-RJ45-**
			Shield to RJ45	MDE45WB-4MP-RJ45S-**	MDE45WB-4FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45WB-4MSP-RJ45S-**	MDE45WB-4FSP-RJ45S-**

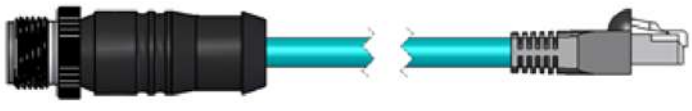
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-4MP-RJ45-1M becomes MDE45-4MP-RJ45-1M-SS)

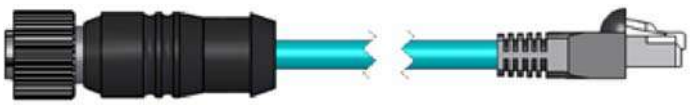
Red cable jacket is available only for TPE, for red cable jacket add a "-RD" suffix. (e.g. MDE45WB-4MSP-RJ45-1M becomes MDE45WB-4MSP-RJ45-1M-RD)

Mencom Standard Cable Color Code

MDE45	Color	RJ45
1	White/Orange	1
3	Orange	2
2	White/Green	3
4	Green	6



Male - RJ45 Extension



Female - RJ45 Extension

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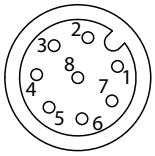


Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | A-Coded | Twisted Pairs | IP20 Rating



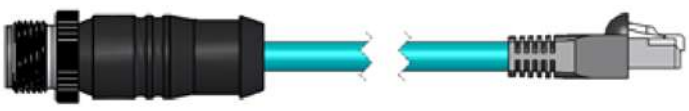
Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PVC AWM 8 X 24 AWG 42VDC, 1.5A -20°C to +80°C 6.4mm OD	Industry Standard PVC	Shield not Terminated	MDE45-8MP-RJ45-**	MDE45-8FP-RJ45-**
	Teal PVC AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -20°C to +80°C 7.6mm OD	Industry Standard PVC Foil & Braided Shield	Shield not Terminated	MDE45B-8MP-RJ45-**	MDE45B-8FP-RJ45-**
	Teal PUR AWM 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 6.3 mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR	Shield not Terminated	MDE45P-8MP-RJ45-**	MDE45P-8FP-RJ45-**
	Teal PUR With Foil & Braided Shield 8 X 26 AWG 42VDC, 1.5A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield not Terminated	MDE45PB-8MP-RJ45-**	MDE45PB-8FP-RJ45-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield not Terminated	MDE45WB-8MP-RJ45-**	MDE45WB-8FP-RJ45-**

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

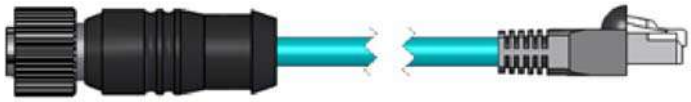
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8MP-RJ45-1M becomes MDE45-8MP-RJ45-1M-SS)

Mencom Standard Cable Color Code

M12	Color	RJ45
6	White/Orange	1
4	Orange	2
1	White/Blue	5
7	Blue	4
5	White/Green	3
8	Green	6
2	White/Brown	7
3	Brown	8



Male - RJ45 Extension



Female - RJ45 Extension

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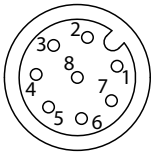
Ethernet (M12) Series Etherplug Cordsets

8 Conductor Ethernet Series Cordsets, 24/26AWG



Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e | A-Coded | Twisted Pairs | IP20 Rating



Male Faceview	Cables	Features	Shield Type	Male to RJ45	Female to RJ45
 M12 x 1	Teal PUR With Foil & Braided Shield 8 X 26 AWG 42VDC, 1.5A -40°C to +75°C 6mm OD	Continuous-Flex Oil and Cutting Fluid Resistant Cut Resistant PUR Foil & Braided Shield	Shield to Coupling Nut	MDE45PB-8MSP-RJ45-**	MDE45PB-8FSP-RJ45-**
			Shield to RJ45	MDE45PB-8MP-RJ45S-**	MDE45PB-8FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45PB-8MSP-RJ45S-**	MDE45PB-8FSP-RJ45S-**
	Teal TPE AWM With Foil & Braided Shield 8 X 24 AWG 42VDC, 1.5A -40°C to +80°C 7.6mm OD	Continuous-Flex Weld Slag Resistant TPE Foil & Braided Shield	Shield to Coupling Nut	MDE45WB-8MSP-RJ45-**	MDE45WB-8FSP-RJ45-**
			Shield to RJ45	MDE45WB-8MP-RJ45S-**	MDE45WB-8FP-RJ45S-**
			Shield to Coupling Nut & RJ45	MDE45WB-8MSP-RJ45S-**	MDE45WB-8FSP-RJ45S-**

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

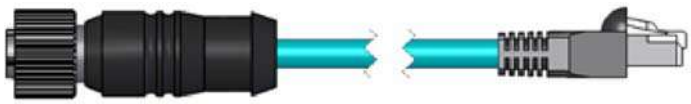
Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. MDE45-8FP-RJ45-1M becomes MDE45-8FP-RJ45-1M-SS)

Mencom Standard Cable Color Code

M12	Color	RJ45
6	White/Orange	1
4	Orange	2
1	White/Blue	5
7	Blue	4
5	White/Green	3
8	Green	6
2	White/Brown	7
3	Brown	8



Male - RJ45 Extension



Female - RJ45 Extension

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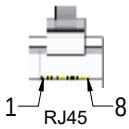
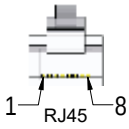
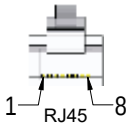
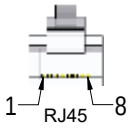


Ethernet Series Etherlink RJ45 Cordsets

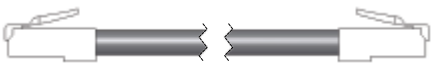
8 Conductor Ethernet Series RJ45 Cordsets

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e/CAT6a | Strain Relief | IP20 Rating

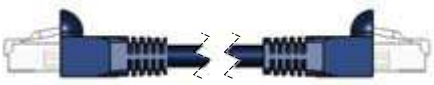


# of Poles	Front View	Wire AWG Rating	Cable Standard	Cables	Shield Type	Jacket Color	Part Number
RJ45 Male to Male Plug with No Strain Relief							
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Gray	RJ45-*
				PUR	N/A	Gray	RJ45P-**
RJ45 Male to Male Plug with Over-Molded Strain Relief							
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC Over-Molded	N/A	Blue	RJ45-IC-*-BU
						Red	RJ45-IC-*-RD
						Black	RJ45-IC-*-BK
					Foil Shield to RJ45 Connectors	Gray	RJ45S-IC-*-GY
						Blue	RJ45S-IC-*-BU
			CAT6a	PVC Over-Molded	N/A	Blue	RJ45C6-IC-*-BU
RJ45 Male to Male Plug with Strain Relief							
4		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-4MMP-**
				PVC	Foil Shield to RJ45 Connectors	Teal	RJ45S-4MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP-4MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-4MMP-**
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-8MMP-**
				PUR	N/A	Teal	RJ45P-8MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP -8MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-8MMP-**
		26 AWG 42 VDC 1.5 A	CAT5e	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45S-8MMP-**
			CAT6a	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45C6-8MMPS-**

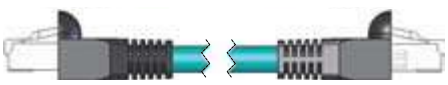
* Lengths in feet. Standard cable lengths are 1, 3, 7, 10, 15, 20, 25 & 50 feet. Consult factory for other lengths.
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.
Cable specifications on Page L-22~23 apply to only 24 AWG 4MMP & 8MMP cables in the table.



RJ45 Male to Male Plug



Over-Molded RJ45 Male to Male Plug



RJ45 Male to Male Plug with Strain Relief

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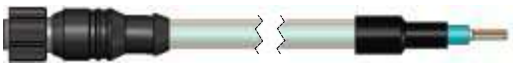
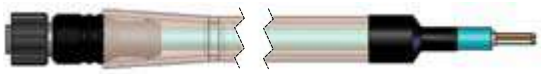
Ethernet (M12) Series Armored Cordsets

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush, Corrosion and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MDE45-4FP-1M becomes MDE45-4FP-1M-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments.
- Connectorize to make faster installation and future repairs.

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...





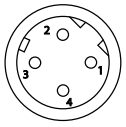
Ethernet (M12) Series Etherplug Field Wireable Plugs

4 Conductor Ethernet Series Field Wireable Plugs, 18-24AWG

Field Wireable Plugs | 4 Pole D-Coded | 8 Pole A-Coded | IP67 Rating

c UL us LISTED



# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDE45-4MP-FW07	MDE45-4MP-FW07-R	MDE45-4FP-FW07	MDE45-4FP-FW07-R
			4-8 mm	MDE45-4MP-FW09	MDE45-4MP-FW09-R	MDE45-4FP-FW09	MDE45-4FP-FW09-R
8	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-8MP-FW07	MDC-8MP-FW07-R	MDC-8FP-FW07	MDC-8FP-FW07-R
			4-8 mm	MDC-8MP-FW09	MDC-8MP-FW09-R	MDC-8FP-FW09	MDC-8FP-FW09-R

These connectors are easily wired by inserting the individual wires into the screw terminal contacts.
The Connectors are water tight to IP67 and are fully mateable with other D-Coded M12 connectors.

Straight Field Wireable Plugs



Male Plugs



Female Plugs

Right Angle Field Wireable Plugs



Male Plugs



Female Plugs

Specifications:

Body:	Black Polyamide
Insulator:	Black Polyamide
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Nickel Plated Brass
Seal:	NBR
Temperature:	-25°C to +85°C (-13°F to +185°F)

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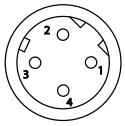
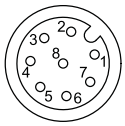
Ethernet (M12) Series Etherplug Field Wireable Plugs

4 & 8 Conductor Ethernet Series Field Wireable Plugs, 18-24/20-24AWG



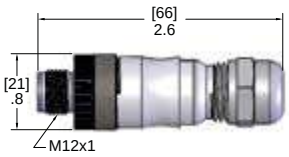
Straight Field Wireable Plugs | Shielded | 4 Pole D-Coded | 8 Pole A-Coded | IP67 Rating



# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	3-9 mm	MDE45M-4MP-FW	MDE45M-4FP-FW
8	 M12 x 1	50V 4A	20-24AWG	6-8 mm	MDCM-8MP-FW	MDCM-8FP-FW

These connectors are easily wired by inserting the individual wires into the screw terminal contacts.
The Connectors are water tight to IP 67 and are fully mateable with other D-Coded M12 connectors.

4 Pole Version

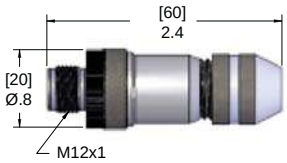


Male Straight

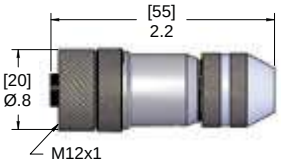


Female Straight

8 Pole Version



Male Straight



Female Straight



Specifications:

Body:	Nickel Plated Brass	Coupling Nut:	Nickel Plated Brass
Insulator:	Black Polyamide	Seal:	NBR
Contacts:	Copper Alloy with Gold Plating	Temperature:	-25°C to +85°C (-13°F to +185°F)

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Ethernet Series Accessories

4 Conductor Ethernet Series Accessory Cables

100’ Cables | Raw Cable Spools | CAT5e | Twisted Pairs

# of Conductors	Color Code	Wire AWG Rating	Features	DC Resistance	Continuous Flex	Part Number	
						100’ Cable	Spool
4	White/Orange White/Green Orange Green	24 AWG Stranded 600V	Teal PVC AWM CMX/CMR -20°C to +80°C 6.1mm OD (0.24” OD)	≤ 89 Ω/Km	No	MDE45-4CBL-C	60C0001-*
		24 AWG Stranded 600V	Teal PVC AWM CMX/CMR With Foil/Braided Shield -20°C to +80°C 6.6mm OD (0.26” OD)	≤ 89 Ω/Km	No	MDE45B-4CBL-C	60CS001-*
		24 AWG Stranded 300V	Teal PUR AWM -40°C to +80°C 5.6mm OD (0.22” OD)	≤ 91 Ω/Km	Yes	MDE45P-4CBL-C	60CP001-*
		24 AWG Stranded 300V	Teal PUR AWM With Foil/Braided Shield -40°C to +80°C 6.4mm OD (0.25” OD)	≤ 91 Ω/Km	Yes	MDE45PB-4CBL-C	60CSP01-*
		24 AWG Stranded 600V	Teal TPE AWM CMX/CMR With Foil/Braided Shield -40°C to +80°C 6.6mm OD (0.26” OD)	≤ 140 Ω/Km	Yes	MDE45WB-4CBL-C	60CSW01-*
		24 AWG Stranded 600V	Red TPE AWM CMX/CMR With Foil/Braided Shield -40°C to +80°C 6.6mm OD (0.26” OD)	≤ 140 Ω/Km	Yes	MDE45WB-4CBL-C-RD	60CSWR1-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

All testing is conducted off the reel and without connectors attached.
Cable Construction subject to change without notice.

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# of Conductors	Color Code	Wire AWG Rating	Features	DC Resistance	Continuous Flex	Part Number	
						100’ Cable	Spool
8	White/Blue White/Brown Brown Orange White/Green White/Orange Blue Green	24 AWG Stranded 600V	Teal PVC AWM CMX/CMR -20°C to +80°C 6.4mm OD (0.25” OD)	≤ 89 Ω/Km	No	MDE45-8CBL-C	60G0001-*
		24 AWG Stranded 600V	Teal PVC AWM With Foil/Braided Shield -20°C to +80°C 7.6mm OD (0.30” OD)	≤ 89 Ω/Km	No	MDE45B-8CBL-C	60GS001-*
		24 AWG Stranded 300V	Teal PUR AWM -40°C to +80°C 6.3mm OD (0.25” OD)	≤ 91 Ω/Km	Yes	MDE45P-8CBL-C	60GP001-*
		26 AWG Stranded 300V	Teal PUR CMX With Foil/Braided Shield -40°C to +75°C 6mm OD (0.24” OD)	≤ 140 Ω/Km	Yes	MDE45PB-8CBL-C	60GSP02-*
		24 AWG Stranded 600V	Teal TPE AWM CMX/CMR With Foil/Braided Shield -40°C to +80°C 7.6mm OD (0.30” OD)	≤ 86 Ω/Km	Yes	MDE45WB-8CBL-C	60GSW01-*

* Standard raw spool lengths are 0250, 0500, 0750 & 1000 feet. Consult factory for other lengths.

All testing is conducted off the reel and without connectors attached.
Cable Construction subject to change without notice.

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Notes:

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Ethernet (M12) Series Etherplug Receptacles

Ethernet Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

MDE45 - [ ][ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

Number of Conductors

4
8

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

RJ45

Blank = No RJ45
RJ45 = RJ45 Male on Second End
RJ45S = RJ45 Shielded Male on Second End

Mounting Style

2 = Front Mount 1/2”-14 NPT
4 = Front Mount 1/4”-18 NPT
PG9 = Front Mount PG 9 Threads
M16 = Front Mount Metric 16 Threads
M20 = Front Mount Metric 20 Threads
BM = Back Mount
TM = Through Panel Mount

Length in Meters

Termination Type

Blank = Pre-Wired
PCB = PCB Mount
PCB-R = PCB Right Angle

Color Code

Blank = Standard Color Code w/ Cable
E45 = Discrete Wire Ethernet Color Code
CC = Cross-Over Color Code

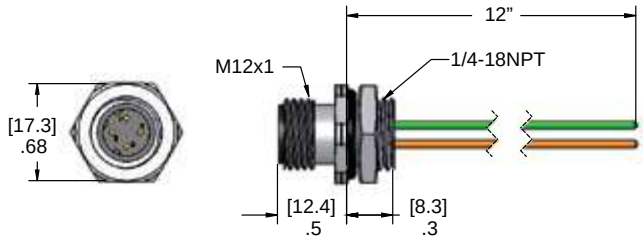
Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel

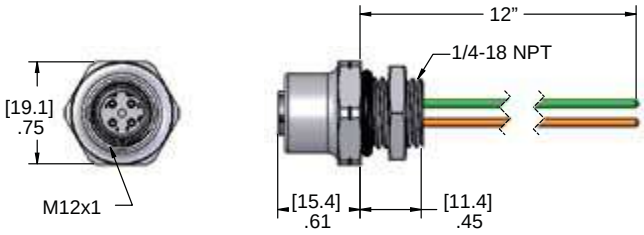
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Front Mount

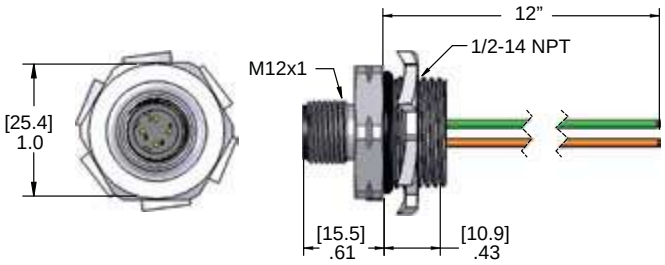
Front Mount, Male, 1/4"-18NPT, 12" Leads Page L-31



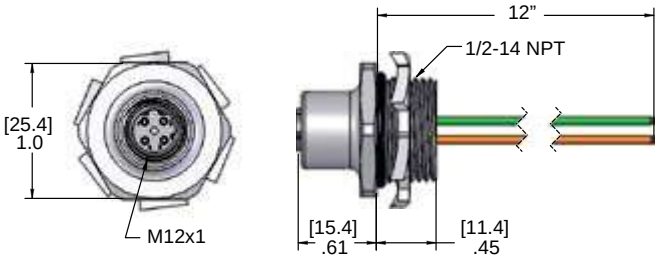
Front Mount, Female, 1/4"-18NPT, 12" Leads Page L-31



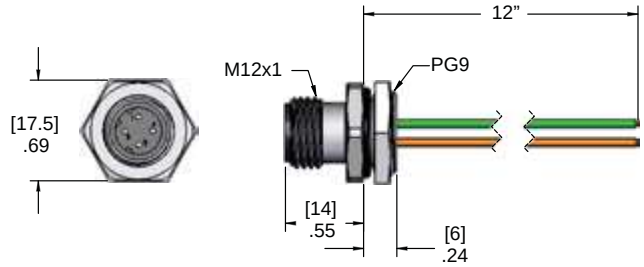
Front Mount, Male, 1/2"-14NPT, 12" Leads Page L-31



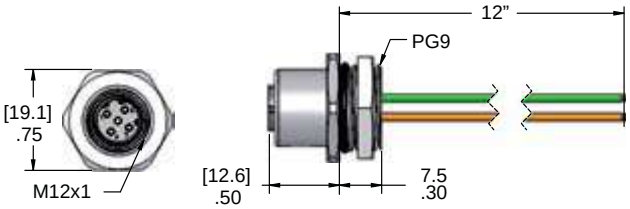
Front Mount, Female, 1/2"-14NPT, 12" Leads Page L-31



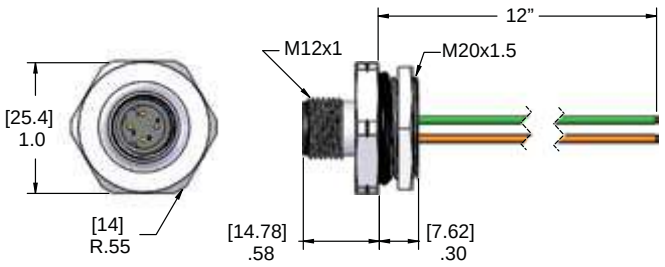
Front Mount, Male, PG 9, 12" Leads Page L-31



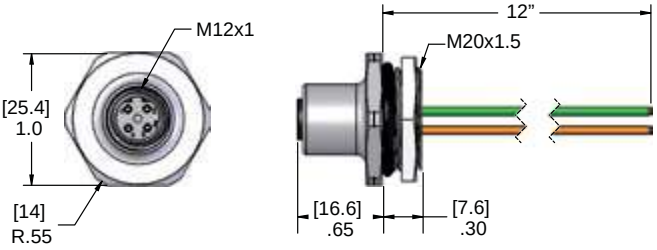
Front Mount, Female, PG 9, 12" Leads Page L-31



Front Mount, Male, M20, 12" Leads Page L-31

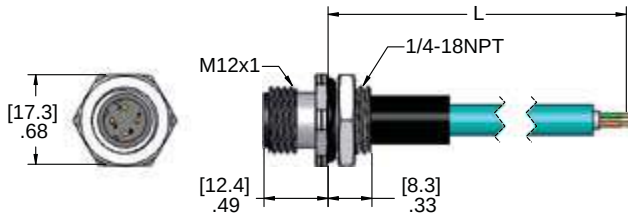


Front Mount, Female, M20 , 12" Leads Page L-31

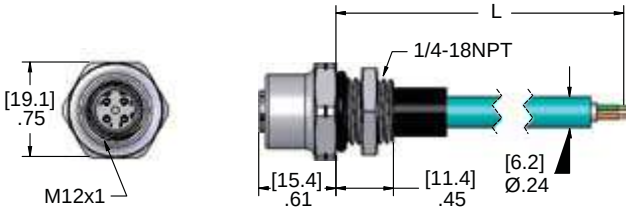


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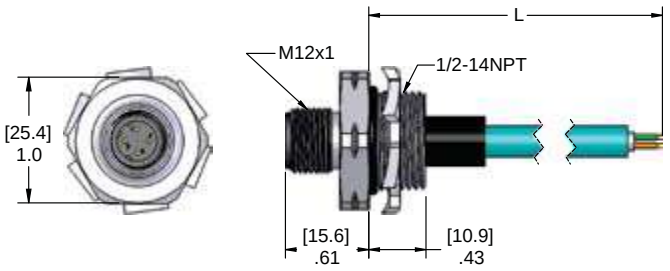
Front Mount, Male, 1/4”-18NPT, CAT5e Cable Page L-32



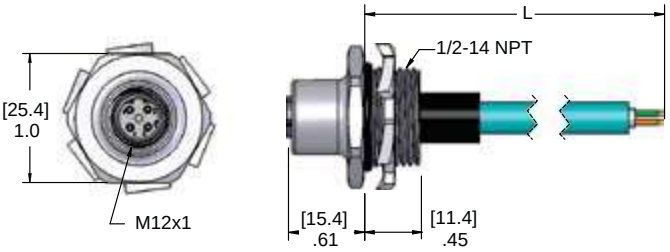
Front Mount, Female, 1/4”-18NPT, CAT5e Cable Page L-32



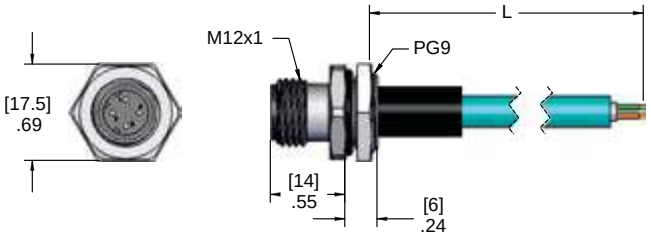
Front Mount, Male, 1/2”-14NPT, CAT5e Cable Page L-32



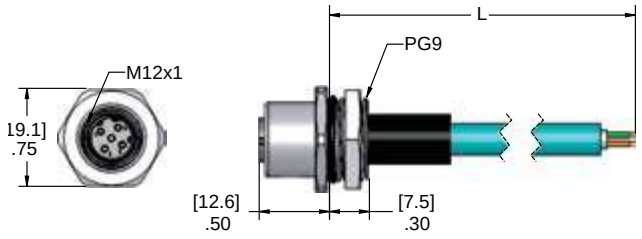
Front Mount, Female, 1/2”-14NPT, CAT5e Cable Page L-32



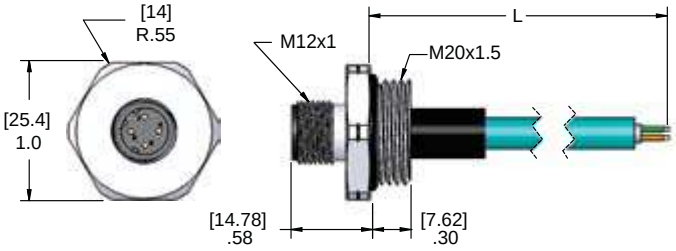
Front Mount, Male, PG 9, CAT5e Cable Page L-32



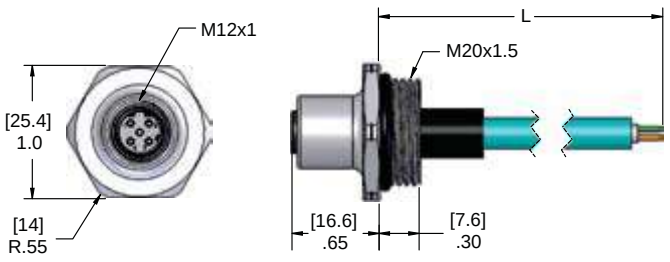
Front Mount, Female, PG 9, CAT5e Cable Page L-32



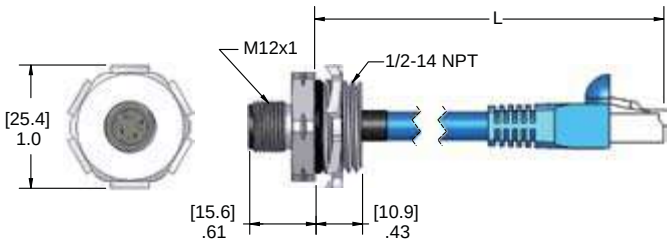
Front Mount, Male, M20, CAT5e Cable Page L-32



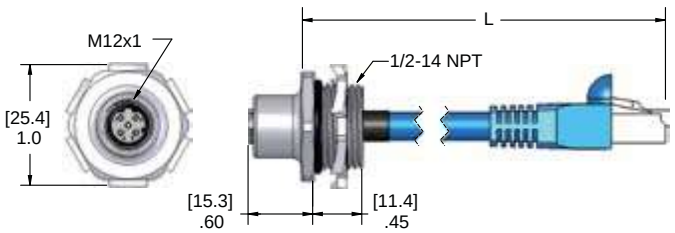
Front Mount, Female, M20, CAT5e Cable Page L-32



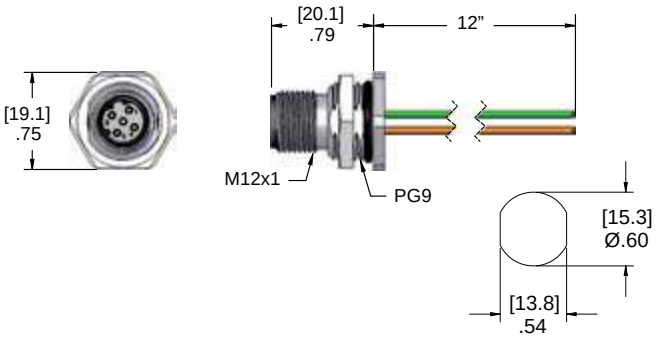
Front Mount, Male, 1/2”-14NPT to Male RJ45 Page L-33



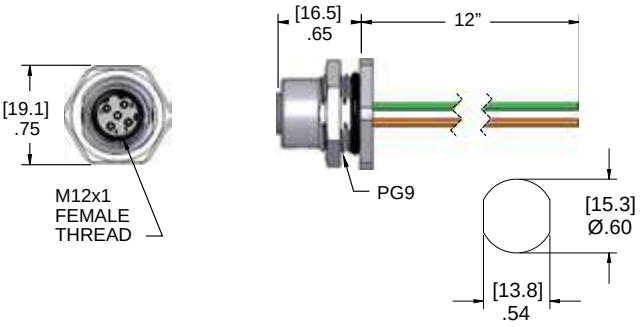
Front Mount, Female, 1/2”-14NPT to Male RJ45 Page L-33



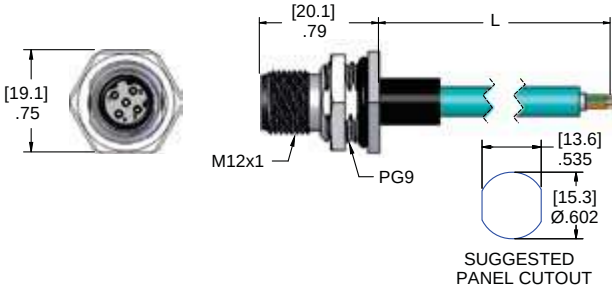
Back Mount, Male, 12” Leads Page L-34



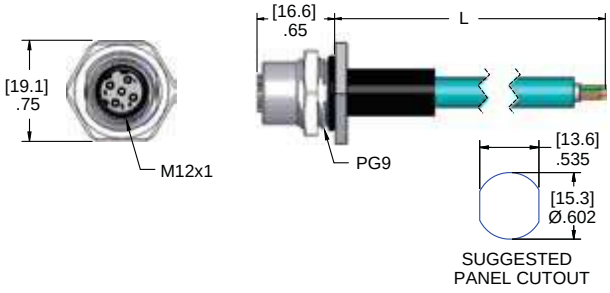
Back Mount, Female, 12” Leads Page L-34



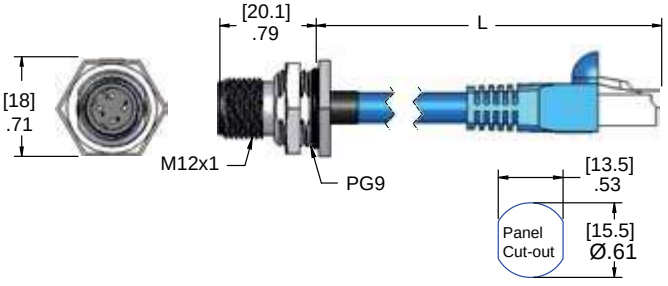
Back Mount, Male, CAT5e Cable Page L-34



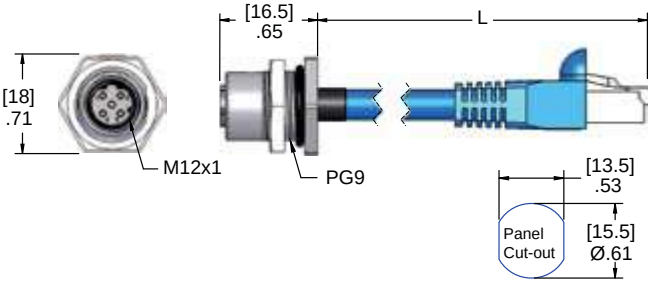
Back Mount, Female, CAT5e Cable Page L-34



Male Back Mount MDE45 Male to Male RJ45 Page L-35

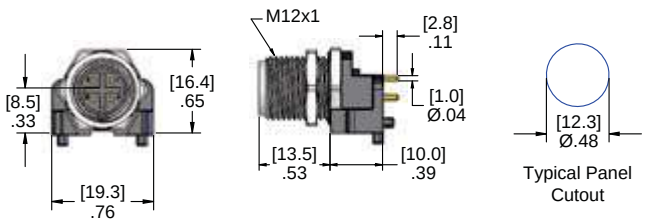


Female Back Mount MDE45 Female to Male RJ45 Page L-35

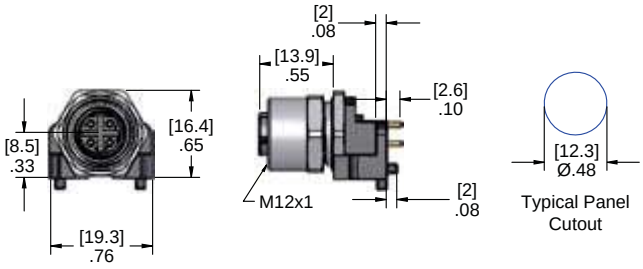


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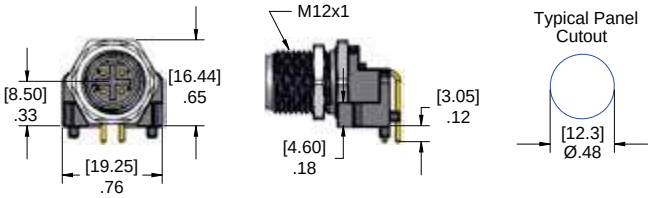
PCB Mount, Male, Straight Page L-36



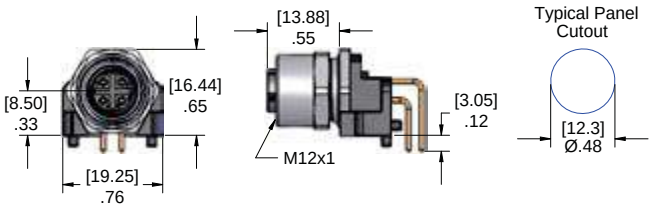
PCB Mount, Female, Straight Page L-36



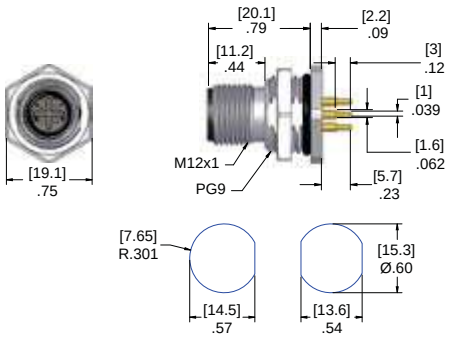
PCB Mount, Male, Right Angle Page L-36



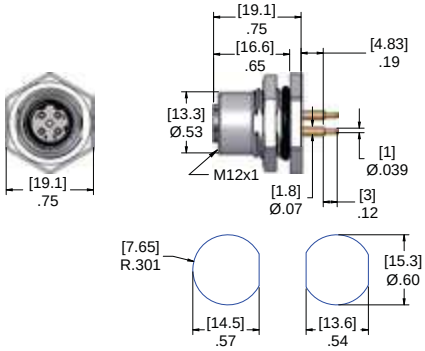
PCB Mount, Female, Right Angle Page L-36



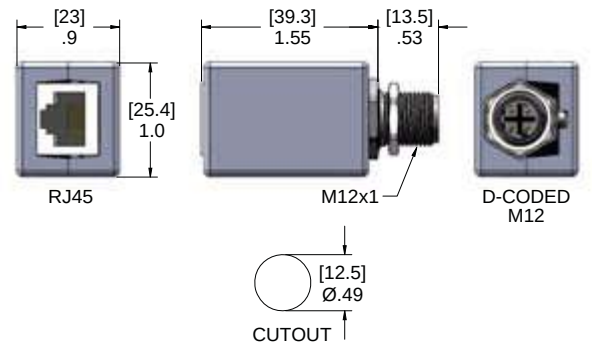
PCB Back Mount, Male Page L-36



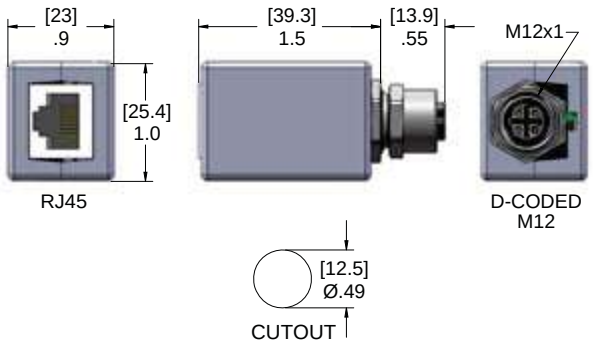
PCB Back Mount, Female Page L-36



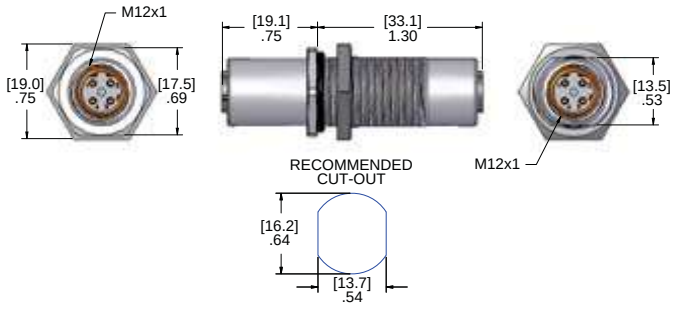
Panel Mount, Male M12 to Female RJ45 Page L-37



Panel Mount, Female M12 to Female RJ45 Page L-37

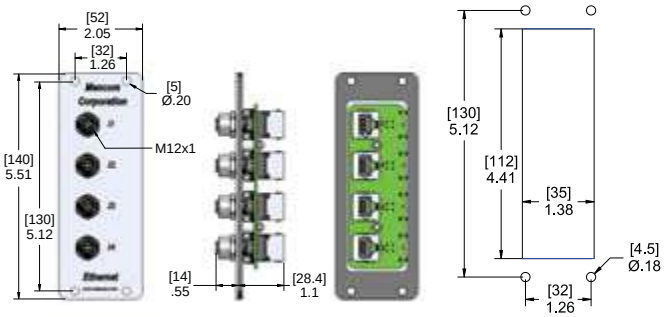


Through Panel Mount Page L-38



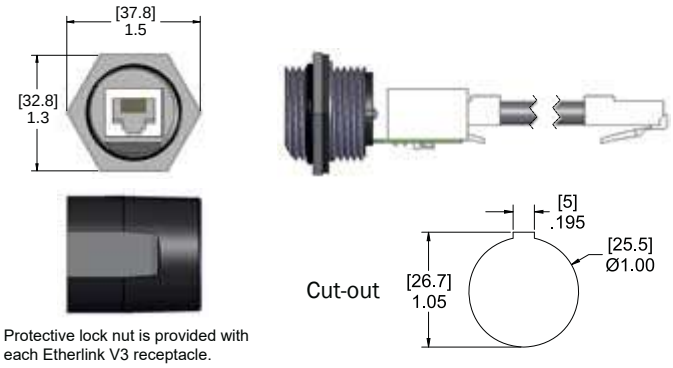
Female to Female shown - Male to Female also available.

Panel Mount Adapter, MDE45 to RJ45 Page L-40 ~ L-41



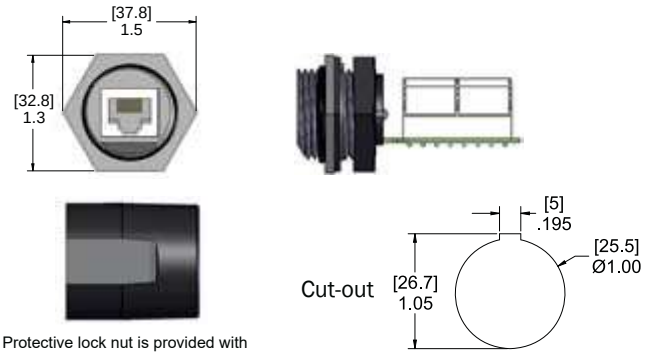
Size 24 is shown. Size 32 is also available.

RJ45 Etherlink V3 Female to Male RJ45, CAT5e Cable Page L-43



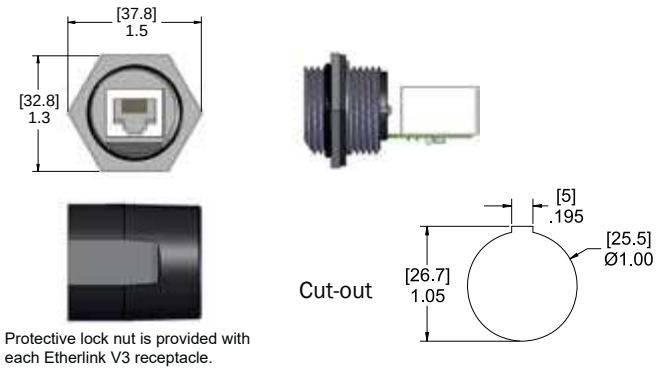
Protective lock nut is provided with each Etherlink V3 receptacle.

RJ45 Etherlink V3 Female to 110 Puchdown Block Page L-43



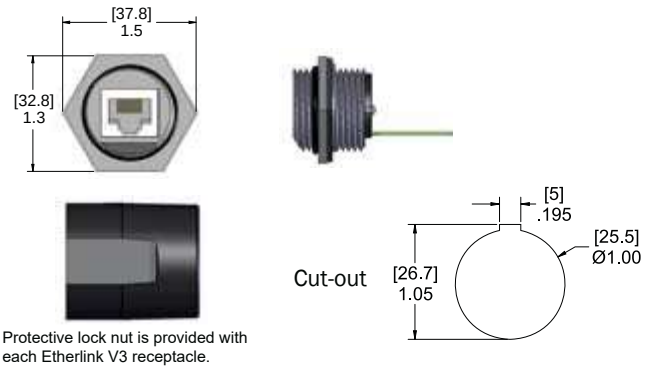
Protective lock nut is provided with each Etherlink V3 receptacle.

RJ45 Etherlink V3 Female to Female RJ45 Receptacle Page L-43



Protective lock nut is provided with each Etherlink V3 receptacle.

RJ45 Etherlink V3 Field Wireable, Solder to Board Page L-43



Protective lock nut is provided with each Etherlink V3 receptacle.

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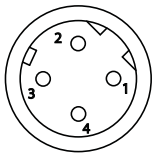
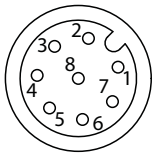
Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles, 24AWG



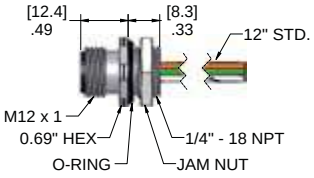
Front Mount Receptacles | NPT, PG, Metric Threads | 12” Leads | 300V, 4A | 60V, 2A | IP67 Rating

c UL us LISTED

# of Poles	Male Faceview	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	300V 4A	22 AWG	1/4”-18NPT	MDE45-4MR-4-E45	MDE45-4FR-4-E45
				1/2”-14NPT	MDE45-4MR-2-E45	MDE45-4FR-2-E45
				PG9	MDE45-4MR-PG9-E45	MDE45-4FR-PG9-E45
				Metric	MDE45-4MR-M20-E45	MDE45-4FR-M20-E45
8 A-Coded	 M12 x 1	60V 2A	24 AWG	1/4”-18NPT	MDC-8MR-4-E45	MDC-8FR-4-E45
				1/2”-14NPT	MDC-8MR-2-E45	MDC-8FR-2-E45
				PG9	MDC-8MR-PG9-E45	MDC-8FR-PG9-E45
				Metric	MDC-8MR-M20-E45	MDC-8FR-M20-E45

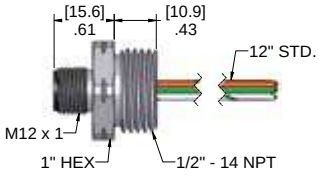
Etherplug receptacles with 12” leads or shorter come with discrete wires.
For 1/2” receptacles with lengths of 15” or longer O-ring and lock nut are included.

1/4”-18NPT Threads



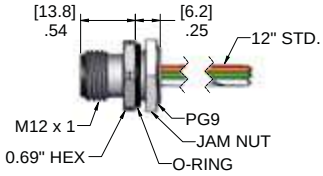
Male Receptacles

1/2”-14NPT Threads



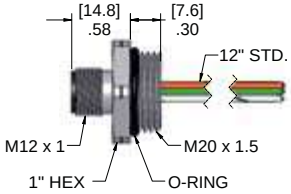
Male Receptacles

PG9 Threads

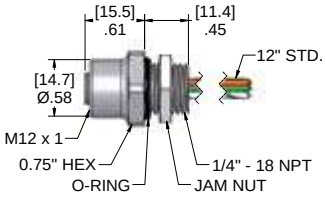


Male Receptacles

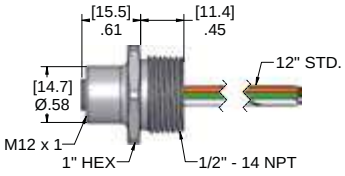
M20 Threads



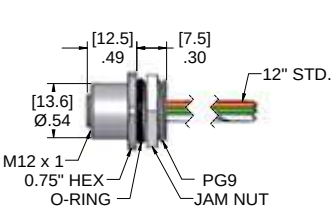
Male Receptacles



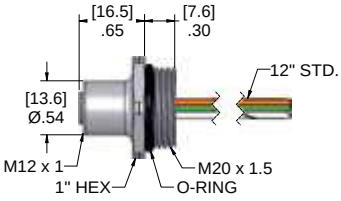
Female Receptacles



Female Receptacles



Female Receptacles



Female Receptacles

Specifications:

Shell:	1/4” NPT:Nickel Plated Brass 1/2” NPT: Clear Anodized Aluminum PG 9: Nickel Plated Brass M20: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
		O-Ring:	NBR
		Lock Nut:	Zinc Plated Brass
		Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	Temperature:	-40ºC to +80ºC (-40ºF to +176ºF)
Wires:	24 AWG 60V, 2A		

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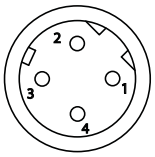
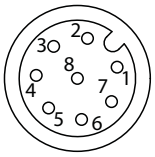


Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles, 24AWG

Front Mount Receptacles | NPT, PG, Metric Threads | CAT5e Cable | 300V, 4A | 60V, 2A | IP67 Rating

c UL us LISTED

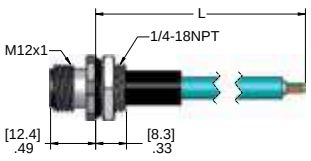
# of Poles	Male Faceview	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	300V 4A	2 Pair 22 AWG	1/4"-18NPT	MDE45-4MR-4-**	MDE45-4FR-4-**
				1/2"-14NPT	MDE45-4MR-2-**	MDE45-4FR-2-**
				PG9	MDE45-4MR-PG9-**	MDE45-4FR-PG9-**
				M20	MDE45-4MR-M20-**	MDE45-4FR-M20-**
8 A-Coded	 M12 x 1	60V 2A	4 Pair 24 AWG	1/4"-18NPT	MDE45-8MR-4-**	MDE45-8FR-4-**
				1/2"-14NPT	MDE45-8MR-2-**	MDE45-8FR-2-**
				PG9	MDE45-8MR-PG9-**	MDE45-8FR-PG9-**
				M20	MDE45-8MR-M20-**	MDE45-8FR-M20-**

** Lengths in meters.

For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.

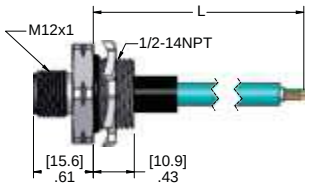
Etherplug receptacles with 12" leads or shorter come with discrete wires.

1/4"-18 NPT



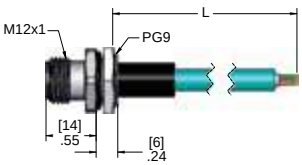
Male Receptacles

1/2"-14 NPT



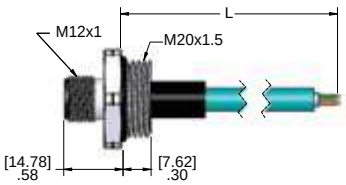
Male Receptacles

PG9 Threads

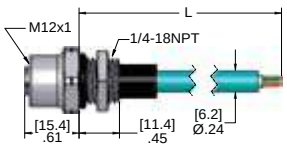


Male Receptacles

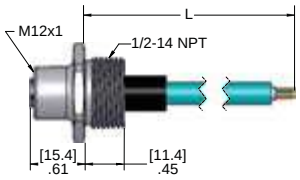
M20 Threads



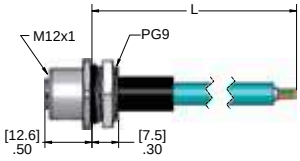
Male Receptacles



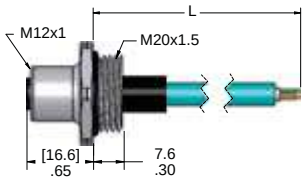
Female Receptacles



Female Receptacles



Female Receptacles



Female Receptacles

Specifications:

Shell:	1/4" NPT:Nickel Plated Brass
	1/2" NPT: Clear Anodized Aluminum
	PG 9: Nickel Plated Brass
	M20: Clear Anodized Aluminum
Insulator:	Polyamide
Cable:	See PVC Cable specifications on page L-22~23
Wires:	24 AWG 60V, 2A
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Brass
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to +80°C (-40°F to +176°F)

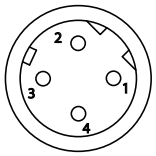
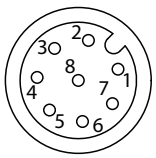
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Ethernet (M12) Series Etherplug Receptacles

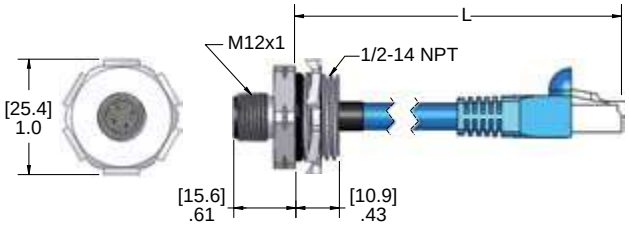
4 & 8 Conductor Ethernet Series Receptacles, 24AWG



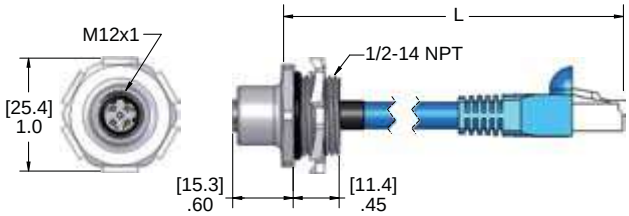
Front Mount M12 to RJ45 with CAT5e Cable | 1/2”-14NPT | 42 VDC, 1.5 amps | IP20 Rating

# of Poles	Male Faceview	Rating	Wire AWG	Wiring M12 to RJ45	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 1 2 to 3 3 to 2 4 to 6	MDE45-4MR-RJ45-2-**	MDE45-4FR-RJ45-2-**
8 A-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	MDE45-8MR-RJ45-2-**	MDE45-8FR-RJ45-2-**

** Lengths in meters.
For Cross-over color code, add a “-CC” suffix (e.g. MDE45-8MR-RJ45-BM-2M-CC).
Shielded versions are available. Please consult the factory.



Male Receptacles



Female Receptacles

Mencom Standard Cable Color Code

MDE45	Color	RJ45
1	White/Orange	1
3	Orange	2
2	White/Green	3
4	Green	6

Mencom Standard Cable Color Code

M12	Color	RJ45
6	White/Orange	1
4	Orange	2
1	White/Blue	5
7	Blue	4
5	White/Green	3
8	Green	6
2	White/Brown	7
3	Brown	8

Specifications:

Shell:	Clear Anodized Aluminum
Insulator:	Polyamide
Cable:	See specifications on page L-22~23
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Zinc Plated Brass
Temperature:	-40ºC to +80ºC (-40ºF to +176ºF)

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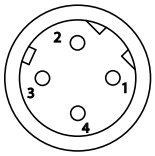
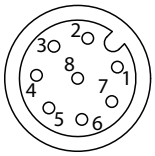


Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles, 24AWG

Back Mount Receptacles | 12” Leads & CAT5e Cable | 60 Volt, 2 amps | IP67 Rating

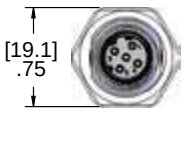
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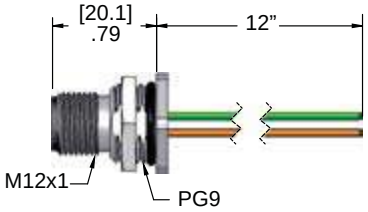
# of Poles	Male Faceview	Wire AWG Rating	12” Leads		CAT5e Cable	
			Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	24 AWG 60V 2A	MDE45-4MR-BM-E45	MDE45-4FR-BM-E45	MDE45-4MR-BM-**	MDE45-4FR-BM-**
8 A-Coded	 M12 x 1	24 AWG 60V 2A	MDC-8MR-BM-E45	MDC-8FR-BM-E45	MDE45-8MR-BM-**	MDE45-8FR-BM-**

** Lengths in meters.

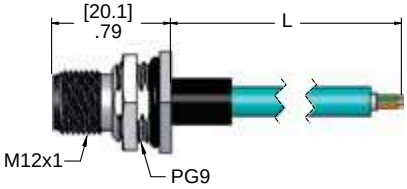
Etherplug receptacles with 12” leads or shorter come with discrete wires.
Shielded versions are available. Please consult the factory.

12” Leads **CAT 5e Cable**

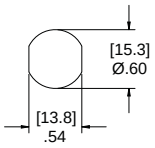




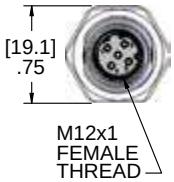
Male Receptacles

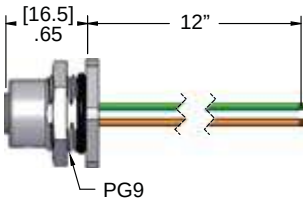


Male Receptacles

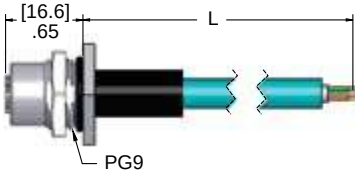


Cut-out

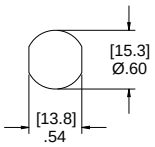




Female Receptacles



Female Receptacles



Cut-out

Specifications:

Shell:	Nickel Plated Brass	Contacts:	Copper Alloy with Gold Plating
Insulator:	Polyamide	O-Ring:	NBR
Cable:	See PVC Cable specifications on page L-22~23	Jam Nut:	Nickel Plated Brass
Wires:	24 AWG 60V, 2A	Temperature:	-40°C to +80°C (-40°F to +176°F)

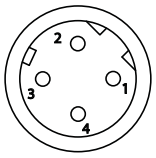
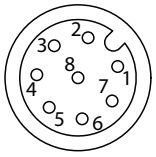
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Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles, 24AWG

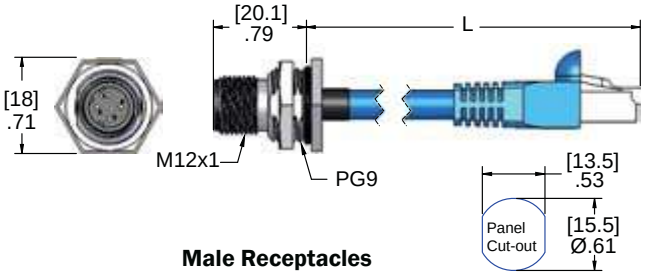


Back Mount Receptacles | CAT5e Cable | 60 Volt, 2 amps | IP20 Rating

# of Poles	Male Faceview	Rating	Wire AWG	Wiring M12 to RJ45	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 1 2 to 3 3 to 2 4 to 6	MDE45-4MR-RJ45-BM-**	MDE45-4FR-RJ45-BM-**
8 A-Coded	 M12 x 1	42 VDC 1.5A	24 AWG	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	MDE45-8MR-RJ45-BM-**	MDE45-8FR-RJ45-BM-**

** Lengths in meters.

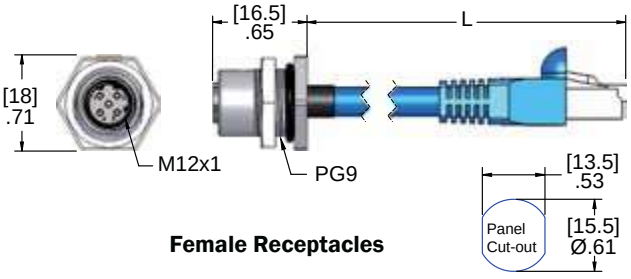
For Cross-over color code, add a "-CC" suffix (e.g. MDE45-8MR-RJ45-BM-2M-CC).
Shielded versions are available. Please consult the factory.



Male Receptacles

Mencom Standard Cable Color Code

MDE45	Color	RJ45
1	White/Orange	1
3	Orange	2
2	White/Green	3
4	Green	6



Female Receptacles

Mencom Standard Cable Color Code

M12	Color	RJ45
6	White/Orange	1
4	Orange	2
1	White/Blue	5
7	Blue	4
5	White/Green	3
8	Green	6
2	White/Brown	7
3	Brown	8

Specifications:

Shell:	Nickel Plated Brass
Insulator:	Polyamide
Cable:	See specifications on page L-22
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to +80°C (-40°F to +176°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

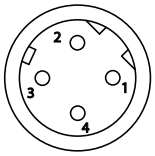
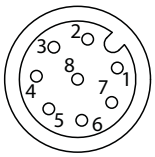


Ethernet (M12) Series Etherplug Receptacles

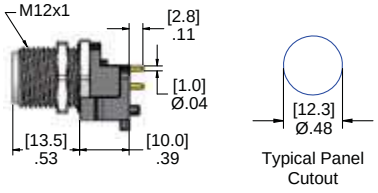
4 & 8 Conductor Ethernet Series Receptacles

PCB Mount & PCB Back Mount Receptacles | 250V, 4A | 30V, 2A | IP67 Rating

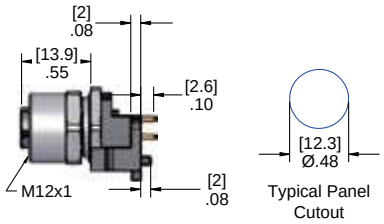
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# of Poles	Male Faceview	Rating	Style	Male Receptacles	Female Receptacles
4 D-Coded	 M12 x 1	250V 4A	Front Mount Straight	MDE45-4MR-PCB	MDE45-4FR-PCB
			Front Mount Right Angle	MDE45-4MR-PCB-R	MDE45-4FR-PCB-R
			Back Mount	MDE45-4MR-BM-PCB	MDE45-4FR-BM-PCB
8 A-Coded	 M12 x 1	30V 2A	Front Mount Straight	MDE45-8MR-PCB	MDE45-8FR-PCB
			Front Mount Right Angle	MDE45-8MR-PCB-R	MDE45-8FR-PCB-R
			Back Mount	MDE45-8MR-BM-PCB	MDE45-8FR-BM- PCB

PCB Receptacles

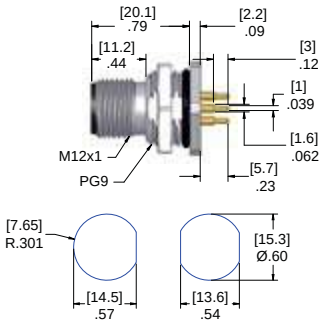


Male Receptacles



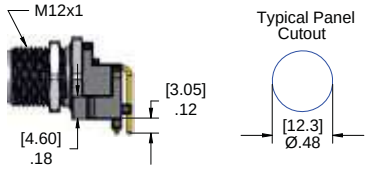
Female Receptacles

PCB Back Mount Receptacles

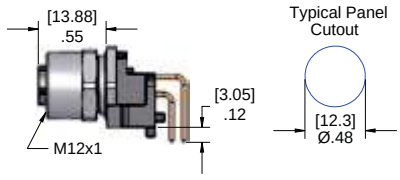


Male Receptacles

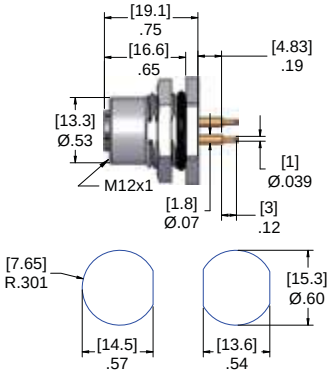
PCB Receptacles Right Angle



Male Receptacles



Female Receptacles



Female Receptacles

Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

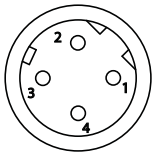
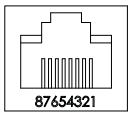
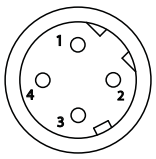
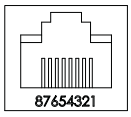
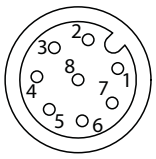
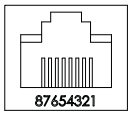
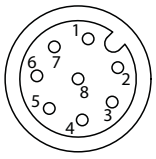
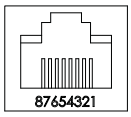
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Ethernet (M12) Series Etherplug Receptacles

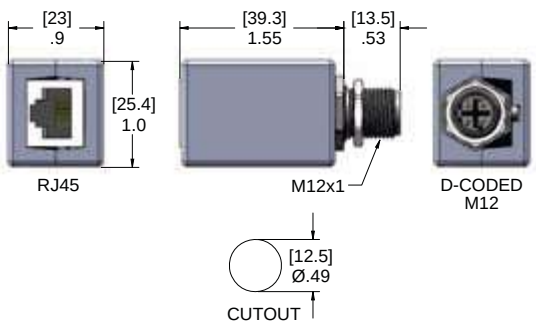
4 & 8 Conductor Ethernet Series Receptacles



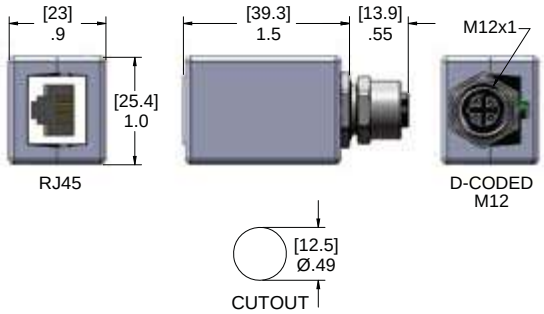
Panel Mount Receptacles | RJ45 to M12 D-Coded | IP67 Rating

# of Poles	MDE45 Faceview	MDE45 Color Code	Wiring MDE45 to RJ45	RJ45 Color Code	Part Number	RJ45 Faceview
4 Pole D-Coded MDE45 to Female RJ45						
4 Male D-Coded	 M12 x 1	1. White/Orange (+TX) 2. White/Green (+RX) 3. Orange (-TX) 4. Green (-RX)	1 to 1 2 to 3 3 to 2 4 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. N/C 5. N/C 6. Green (-RX) 7. N/C 8. N/C	MDE45RJ-4MFR-BM	 RJ45
4 Female D-Coded	 M12 x 1	1. White/Orange (+TX) 2. White/Green (+RX) 3. Orange (-TX) 4. Green (-RX)	1 to 1 2 to 3 3 to 2 4 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. N/C 5. N/C 6. Green (-RX) 7. N/C 8. N/C	MDE45RJ-4FFR-BM	 RJ45
8 Pole A-Coded MDE45 to Female RJ45						
8 Male A-Coded	 M12 x 1	1. White/Blue 2. White/Brown 3. Brown 4. Orange (-TX) 5. White/Green (+RX) 6. White/Orange (+TX) 7. Blue 8. Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. Blue 5. White/Blue 6. Green (-RX) 7. White/Brown 8. Brown	MDE45RJ-8MFR-BM	 RJ45
8 Female A-Coded	 M12 x 1	1. White/Blue 2. White/Brown 3. Brown 4. Orange (-TX) 5. White/Green (+RX) 6. White/Orange (+TX) 7. Blue 8. Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	1. White/Orange (+TX) 2. Orange (-TX) 3. White/Green (+ RX) 4. Blue 5. White/Blue 6. Green (-RX) 7. White/Brown 8. Brown	MDE45RJ-8FFR-BM	 RJ45

Male M12 to Female RJ45



Female M12 to Female RJ45



Specifications:

Housing: PBT
Insulator: Polyamide
Contacts: Copper Alloy with Gold Plating
RJ45 Connector: CAT5e

O-Ring: NBR
Jam Nut: Nickel Plated Brass
Temperature: -40°C to +80°C (-40°F to +176°F)

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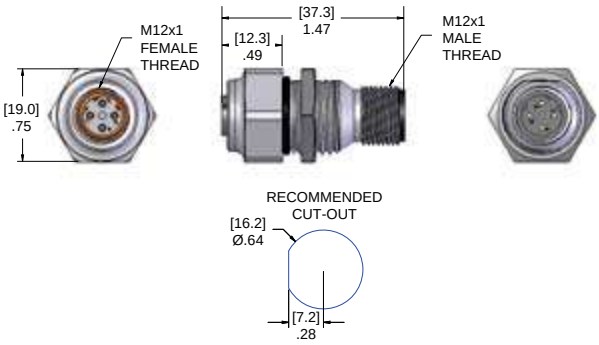
Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Receptacles

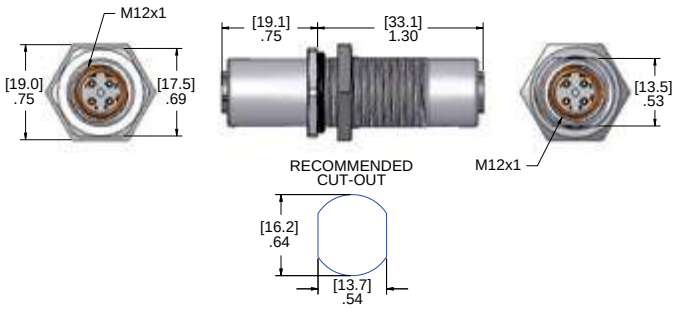
Through Panel Mount Receptacles | IP67 Rating

# of Poles	Rating	Wiring		Part Number	
				Male to Female	Female to Female
4 D-Coded	300V 4A	1 to 1 2 to 2 3 to 3 4 to 4		MDE45-4MFR-TM	MDE45-4FFR-TM
8 A-Coded	60V 2A	1 to 1 2 to 2 3 to 3 4 to 4	5 to 5 6 to 6 7 to 7 8 to 8	MDC-8MFR-TM	MDC-8FFR-TM

Male to Female



Female to Female



Specifications:

Shell:	Nickel Plated Brass
Insulater:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

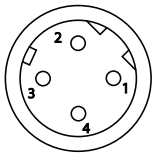
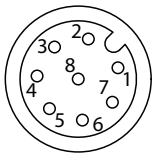
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Ethernet (M12) Series Etherplug Receptacles

4 & 8 Conductor Ethernet Series Solder Cup Inserts



Solder Cup Inserts | Male | 300V Max, 4A Max

# of Poles	Male Faceview	Rating	Wire AWG	Part Number	Housing Style
4	 M12 x 1	300V Max 4A Max	Up to 18 AWG	MDE45-4MR-IN-SC	
8	 M12 x 1	60V Max 2A Max	Up to 22 AWG	MDE45-8MR-IN-SC	

Specifications:

Insert: Black Polyamide
Contacts: Copper Alloy with Gold Plating
O-Ring: NBR
Temperature: --40ºC to 105ºC (-40ºF to +221ºF)

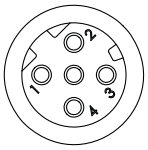
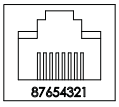
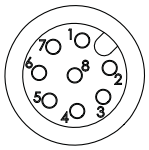
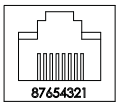
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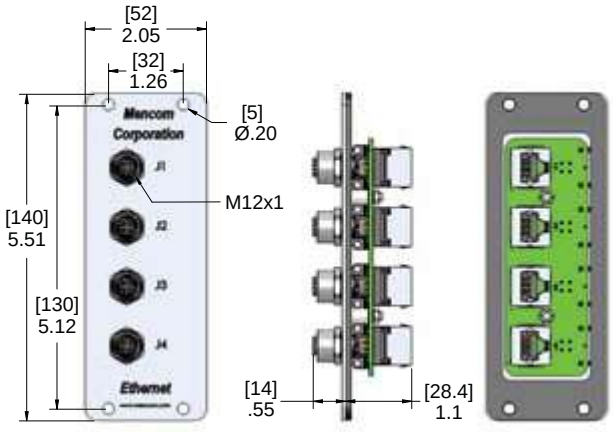


Ethernet (M12) Series Etherplug Receptacles

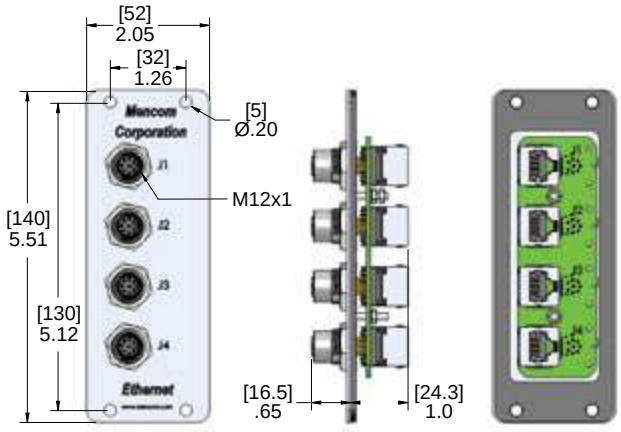
4 & 8 Conductor Ethernet Series Panel Mount Adapter

Size 24 | 4 Port | MDE45 to RJ45

M12 4 Pole to RJ45 Panel Mount Adapters				
# of Poles	**Female Faceview**	**Wiring MDE45**	**Part Number**	**RJ45 Faceview**
4 D-Coded	 M12 x 1 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX)	1 to 1 2 to 3 3 to 2 4 to 6	D24-4MDE45-4FR-RJ45	 87654321 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C
M12 8 Pole to RJ45 Panel Mount Adapters				
8 A-Coded	 M12 x 1 1 = White/Blue 2 = White/Brown 3 = Brown 4 = Orange (-TX) 5 = White/Green (+RX) 6 = White/Orange (+TX) 7 = Blue 8 = Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	D24-4MDE45-8FR-RJ45	 87654321 1 = WHT/ORG (+TX) 2 = ORANGE (-TX) 3 = WHT/GRN (+RX) 4 = BLUE 5 = WHT/BLU 6 = GREEN (-RX) 7 = WHT/BRN 8 = BROWN



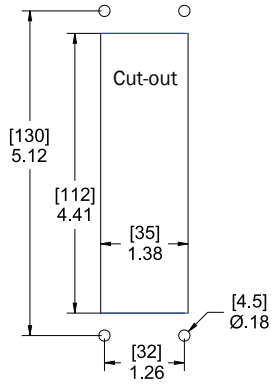
D24-4MDE45-4FR-RJ45



D24-4MDE45-8FR-RJ45

Specifications:

Plate:	Stainless Steel
M12 Coupling:	Nickel Plated Brass
M12 Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Rings:	NBR
Gasket:	PVC NBR
RJ45 Connector:	CAT5e
Mounting Screws:	#8 or M4 Screws
Shielding:	Shield connected between M12 Housing and RJ45 Connector
Temperature:	-40°C to +80°C (-40°F to +176°F)



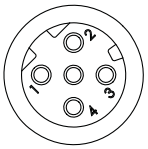
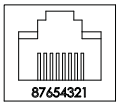
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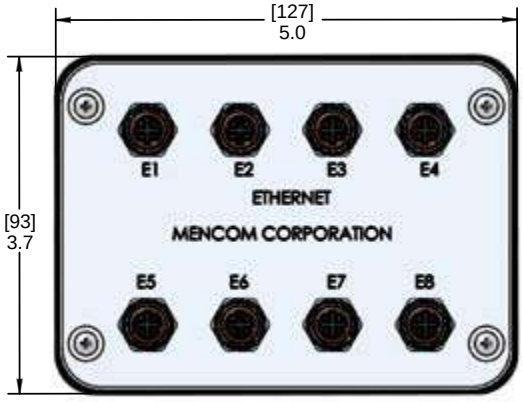
Ethernet (M12) Series Etherplug Receptacles

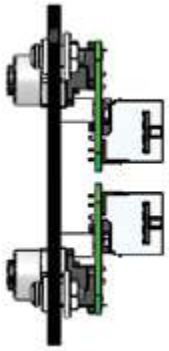
4 Conductor Ethernet Series Panel Mount Adapter

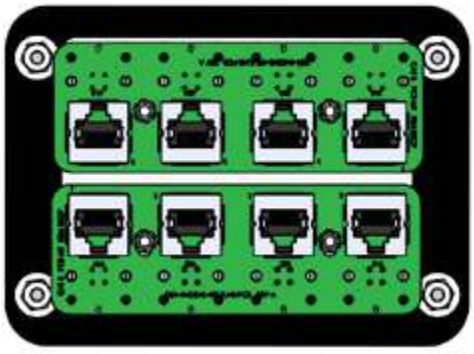


Size 32 | 8 Port | MDE45 to RJ45

Female Faceview	# of Poles	Wiring MDE45	Part Number	RJ45 Faceview
 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX) M12x1	4 D-Coded	1 to 1 2 to 3 3 to 2 4 to 6	D32-8MDE45-4FR-RJ45	 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C RJ45

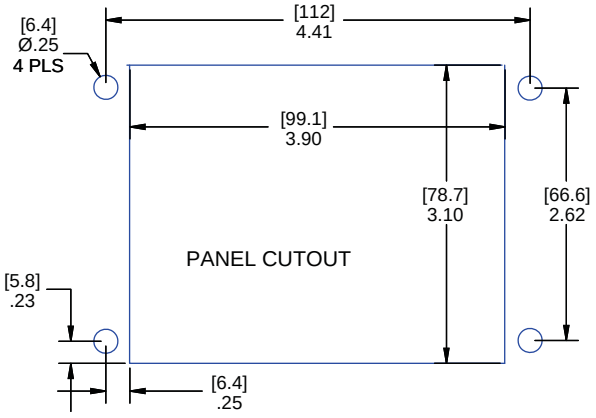






Specifications:

Plate:	Stainless Steel
M12 Coupling:	Nickel Plated Brass
M12 Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Rings:	NBR
Gasket:	PVC NBR
RJ45 Connector:	Cat 5
Mounting Screws:	#8 or M4 Screws
Shielding:	Shield connected between MDE45 Housing and RJ45 Connector
Temperature:	-40°C to +80°C (-40°F to +176°F)



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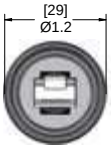
Ethernet Series Etherlink V3

8 Conductor Ethernet Series V3 Cordsets & Field Wireable Plugs, 24AWG

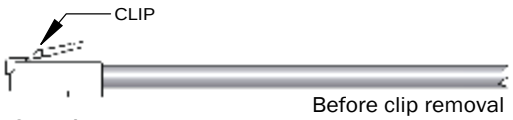
Field Wireable Plugs | Single & Double Ended Male Cordsets | UL Type 4, 6P | IP65 Rating

Patented by Mencom Corporation

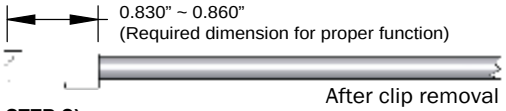
It is recommended that quality Mencom cables are used with the field wireable connectors to assure an accurate fit. However, if using another brand, the dimensions of the connector must meet the dimensions shown below.

Field Wireable Plugs	Part Number	Housing Specifications		Front View
	E45V3-8MP-FW	Coupling Nut : Body : O-Ring : Grommets : Tightening Torque: Max. Panel Thickness: Temperature :	Black Anodized Aluminum Black Polyamide NBR NBR & TPE 4.0 N-m 5.5 mm -20°C to +80°C	

Assembly Instructions



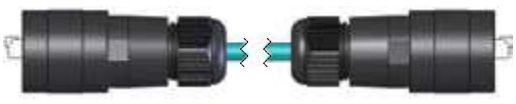
STEP 1)
Remove clip by cutting or by bending it back and forth until it breaks.



STEP 2)
With connector unassembled, push cable through dome nut, split apart the grommet and wrap it around the cable, then push the cable through the connector body.



STEP 3)
Push grommet back into the "fingers" of the shell. Rotate cable 90 degrees and pull it back into the connector until it stops. With slight tension on cable, tighten dome nut (3.75Nm recommended).

E45V3 to Cable				
# of Poles	Front View	Part Number		Housing Style
		PVC Male	PUR Male	
8		E45V3-8MP-**	E45V3P-8MP-**	
E45V3 to RJ45				
8		E45V3-8MP-RJ45-**	E45V3P-8MP-RJ45-**	
E45V3 Male to Male Extension Cables				
8		E45V3-8MMP-**	E45V3P-8MMP-**	

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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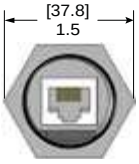
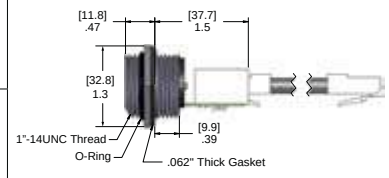
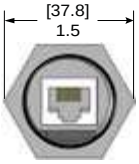
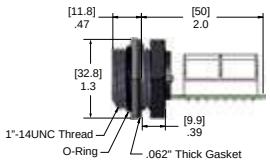
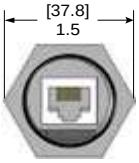
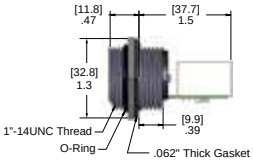
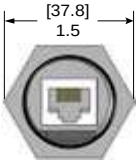
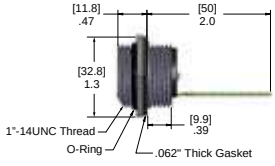
Ethernet Series Etherlink V3

8 Conductor Ethernet Series Receptacles, 24AWG

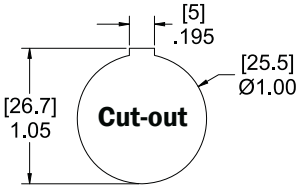


Female Front Mount Receptacles | 42 VDC, 1.5 amps | UL Type 4, 4X, 6P | IP65 Rating

c UL us

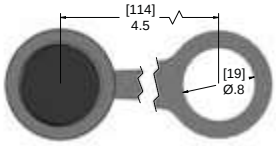
# of Poles	Front View	Rating	Wire AWG	Cap (E45V3-CAP)	Part Number	Housing Style
Etherlink V3 Female Receptacle to Male Plug with CAT5e Cable						
8		42V 1.5A	24	Not Included	E45V3-8FMR-*-M25	
				Included	E45V3-8FMR-*-M25-CP	
Etherlink V3 Female Receptacle to 110 Punchdown Block						
8		N/A	20-26	Not Included	E45V3-8FR-110-M25	
				Included	E45V3-8FR-110-M25-CP	
Etherlink V3 Female Receptacle to Female Receptacles						
8		N/A	N/A	Not Included	E45V3-8FFR-M25	
				Included	E45V3-8FFR-M25-CP	
Etherlink V3 Field Wireable to Female Receptacle Solder to Board						
8		N/A	N/A	Not Included	E45V3-8FR-FW-M25	
				Included	E45V3-8FR-FW-M25-CP	

* Length in feet. Standard cable lengths are 1, 3, 7, 10 & 15 feet. Consult factory for other lengths.



Specifications:

Insulator:	Polyamide
Cable:	CAT5e with PVC Jacket
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Tightening Torque:	5.0 N-m
Max. Panel Thickness:	5.5 mm
Temperature:	-20°C to +80°C (-4°F to +176°F)

Etherlink V3 Accessories	
Cap	**Part Number**
	E45V3-CAP
Protective Lock Nut	
	Protective lock nut provided with each receptacle.

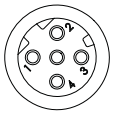
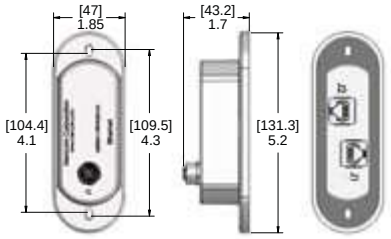
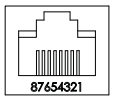
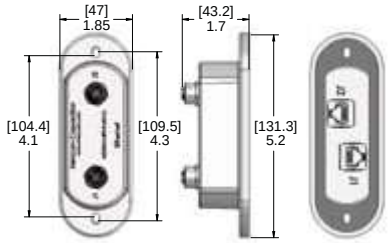
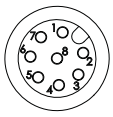
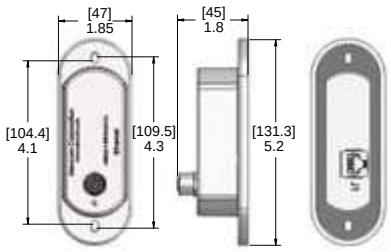
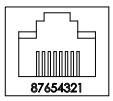
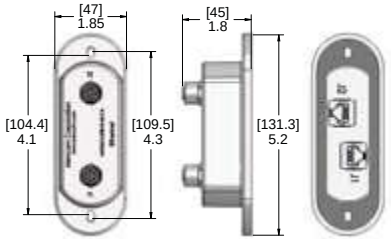
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Ethernet Series Conduit Adapters

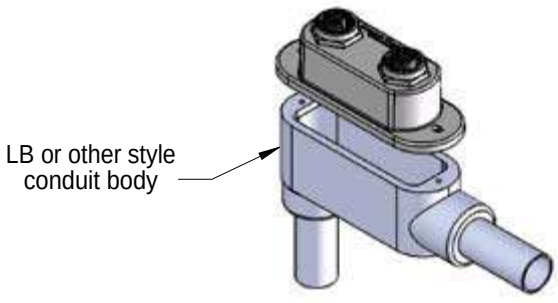
4 & 8 Conductor Ethernet Series Conduit Adapters

Conduit Adapters | 1 & 2 Port | M12 to RJ45 | IP67 Rating

# of Poles	Female Faceview	# of Ports	Part Number	Top View
4 D-Coded	 M12 x 1 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX)	1 Port	MDE45-1-4FR-RJ45-CA	
	 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C	2 Port	MDE45-2-4FR-RJ45-CA	
8 A-Coded	 M12 x 1 1 = White/Blue 2 = White/Brown 3 = Brown 4 = Orange (-TX) 5 = White/Green (+RX) 6 = White/Orange (+TX) 7 = Blue 8 = Green (-RX)	1 Port	MDE45-1-8FR-RJ45-CA	
	 1 = White/Orange (+TX) 2 = Orange (-TX) 3 = White/Green (+RX) 4 = Blue 5 = White/Blue 6 = Green (-RX) 7 = White/Brown 8 = Brown	2 Port	MDE45-2-8FR-RJ45-CA	

Specifications:

Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40ºC to +70ºC (-40ºF to +158ºF)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

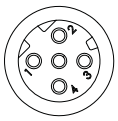
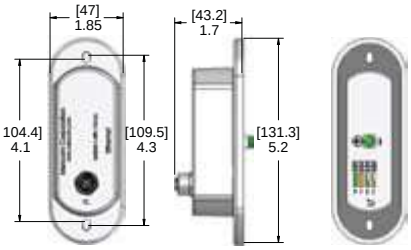
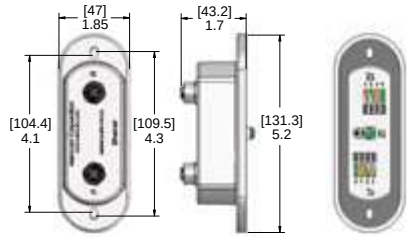
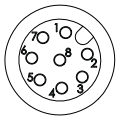
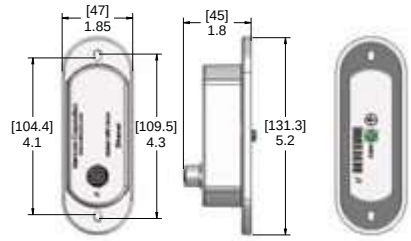
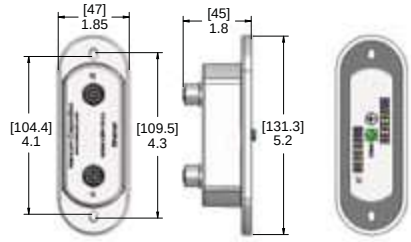
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Ethernet Series Conduit Adapters

4 & 8 Conductor Ethernet Series Conduit Adapters

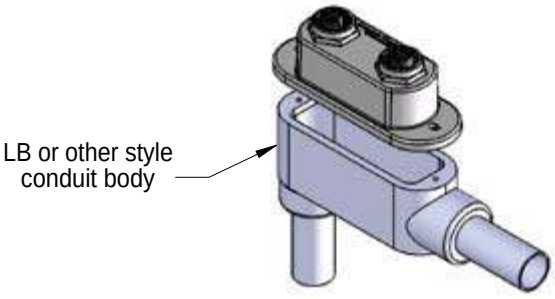


Conduit Adapters | 1 & 2 Port | M12 to 110 Punchdown | IP67 Rating

# of Poles	Female Faceview	# of Ports	Part Number	Top View
4 D-Coded	 M12 x 1 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX)	1 Port	MDE45-1-4FR-110-CA	
		2 Port	MDE45-2-4FR-110-CA	
8 A-Coded	 M12 x 1 1 = White/Blue 2 = White/Brown 3 = Brown 4 = Orange (-TX) 5 = White/Green (+RX) 6 = White/Orange (+TX) 7 = Blue 8 = Green (-RX)	1 Port	MDE45-1-8FR-110-CA	
		2 Port	MDE45-2-8FR-110-CA	

Specifications:

Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40ºC to +70ºC (-40ºF to +158ºF)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

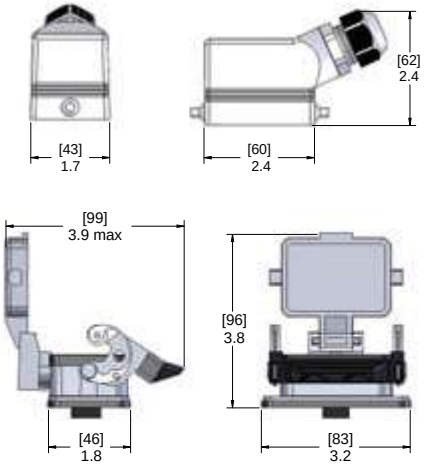
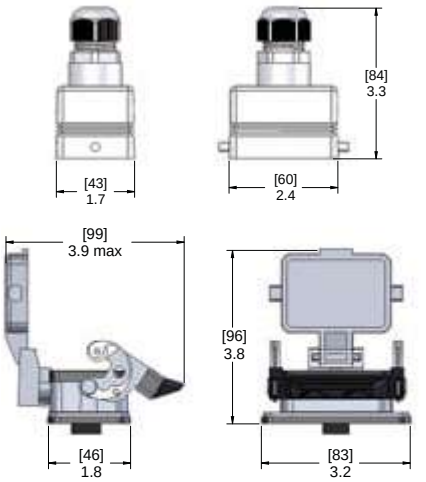
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Ethernet Series RJ45 Kits

Heavy Duty Ethernet Connection System

RJ45 Kits | Top & Side Entry | IP66 Protection Rating

Housing Style	Entry	Part Number
	Side Entry	RJ45-CKIT
	Top Entry	RJ45-CVKIT

These units are designed to be used with Mencom RJ45 Patch Cords:

Part Numbers:	RJ45-03	3 foot patch cord
	RJ45-07	7 foot patch cord
	RJ45-10	10 foot patch cord
	RJ45-15	15 foot patch cord

Other lengths are available, please consult the factory.

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Ethernet Series Accessories

Ethernet Series RJ45 Field Wireable Connectror Accessories & Tools



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Style	Max Cable O.D.	Part Number	Description	Conductors O.D Range
	6.1 mm (0.24")	RJ45-EZ5-FW	24 & 26 AWG Cat 5/5e male RJ45 connector	0.94 mm ~ 1.04 mm (0.037" ~ 0.041")
	6.6 mm (0.26")	RJ45S-EZ5-FW	Shielded Cat 5/5e/6 male RJ45 connector	0.94 mm ~ 1.04 mm (0.037" ~ 0.041")
	10.5mm (0.41")	RJ45-PN-FW	Shielded CAT 6A Straight Plug Field Wireable Ethernet/Profinet	Stranded: 0.46 mm ~ 0.76 mm (0.018" ~ 0.029") Solid: 0.40mm ~ 0.64mm (0.015" ~ 0.025")
		RJ45-PN-FW-R	Shielded CAT 6A Right Angle Plug Field Wireable Ethernet/Profinet	
	6.6 mm (0.26")	RJ45-EZ5-SR-CL	Clear Cat 5e cable strain relief for RJ45-EZ and RJ45S-EZ	N/A
	5.5 mm (0.22")	RJ45-BT-5.5-BK	RJ45 Black Boot	N/A
	6 mm (0.24")	RJ45-BT-6.0-BK		
	6.5 mm (0.26")	RJ45-BT-6.5-BK		
	7 mm (0.28")	RJ45-BT-7.0-BK		
	8 mm (0.31")	RJ45-BT-8.0-BK		
	N/A	RJ45-EZ-CT	Crimp Tool for RJ45-EZ & RJ45S-EZ connectors	N/A

RJ45 Crimp Instructions

1. Strip off approximately two inches of outer cable jacket.

2. Untwist and straighten wires. Place in the desired order for wiring. (see wiring chart)

3. Trim wire ends so all conductors are the same length.

4. Insert wires into the connector and pull connector down over the cable jacket. Cable jacket should seat snugly in rear of connector.

5. Push the connector into the crimp tool, making sure it is fully seated in the crimp cavity.

6. Crimp the connector and break off any remaining loose wires.



Typical T568A / T568B Wiring Chart		
Wire	**T568A**	**T568B**
1	White/Green	White/Orange
2	Green	Orange
3	White/Orange	White/Green
4	Blue	Blue
5	White/Blue	White/Blue
6	Orange	Green
7	White/Brown	White/Brown
8	Brown	Brown

Notes:

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Foundation Fieldbus

H1/High Speed Ethernet

UL File #:
E149111

The Foundation Fieldbus architecture provides a communications protocol for control and instrumentation systems. Each device has its own "intelligence" and communicates via a two-way communications system.
Cables are made to the architecture standards, but the connectivity is based on standard M12 and MIN connectors which utilize stainless steel coupling nuts.

H1

H1 generally connects to field devices. It provides communication and power over standard twisted-pair wiring. H1 is currently the most common implementation.





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Foundation Fieldbus

H1/High Speed Ethernet

Contents

Cordsets
- Part Number Matrix M-3
- Straight M-4
- Double Ended M-5

Field Wireable Plugs M-6

"T" Connectors M-7

Terminating Plugs M-8

Receptacles
- Part Number Matrix M-9
- Index M-10
- Front Mount
  - 1/2"-14NPT M-11
  - PG9 ..... M-12
  - M20 ..... M-12

Conduit Adapters M-13

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Foundation Fieldbus Series Cordsets

Foundation Fieldbus MIN/MDC Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

FF[ ]-4[ ]-[ ]-[ ]-SS

Cordset Type

IN = MIN Cordset
DC = MDC Cordset

R/A or Straight

Blank = Straight
R = Right Angle**

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Connector Configuration

MPX = Male Plug - 18awg
FPX = Female Plug - 18awg
MFPX = Male / Female Extension - 18awg

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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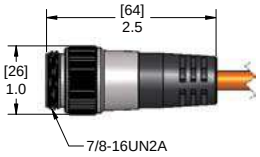
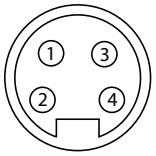
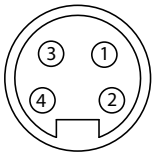
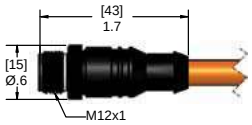
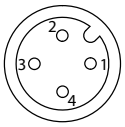
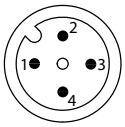
Foundation Fieldbus Series MIN/MDC Cordsets

4 Conductor Foundation Fieldbus MIN/MDC Cordsets, 18AWG

Straight Cordsets | 300 Volt, 10 amps | 300 Volt, 4 amps | IP67 Rating

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MIN (7/8" 16UN) Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	FFIN-4MPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 7/8"-16UN2
	FFDC-4MPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 7/8"-16UN2
MDC (M12) Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	FFIN-4FPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 M12 x 1
	FFDC-4FPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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Foundation Fieldbus Series MIN/MDC Cordsets

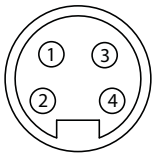
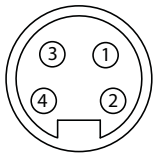
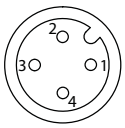
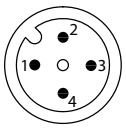
4 Conductor Foundation Fieldbus MIN/MDC Cordsets, 18AWG



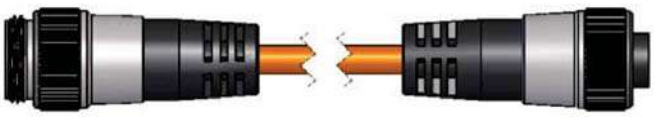
Double Ended Cordsets | 300 Volt, 10 amps | 300 Volt, 4 amps | IP67 Rating



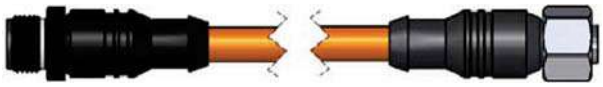
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MIN (7/8" 16UN) Male to Female Extension					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 7/8"-16UN2	FFIN-4MFPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 7/8"-16UN2
MDC (M12) Male to Female Extension					
 M12 x 1	FFDC-4MFPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



MIN Male to Female Extension



MDC Male to Female Extension

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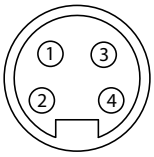
Foundation Fieldbus Series Field Wireable Plugs

4 Conductor Foundation Fieldbus

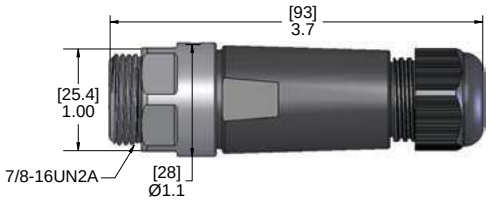
Straight Field Wireable Plugs | MIN & MDC | 600V, 15A Max | 250V, 4A Max | IP67 Rating

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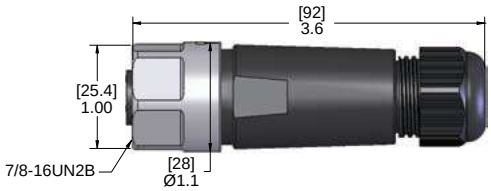


MIN (7/8" 16UN) Field Wireable Plugs						
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 7/8"-16UN2	600V 15A MAX	14-22 AWG	5-13 mm	FFIN-4MPM-FW-SS	FFIN-4FP-FW-SS
				8-17 mm	FFIN-4MPM-FWX-SS	FFIN-4FP-FWX-SS

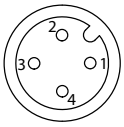
Connection via screw terminal. Voltage and amperage ratings are cable dependent and are based on 600V, 14 AWG cable. Cables with lower voltage ratings and smaller conductors will lower these ratings.



Male Straight with Male Threads

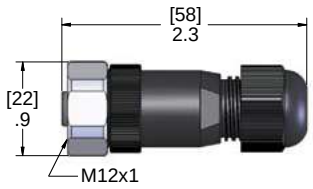


Female Straight with Female Threads

MDC (M12) Field Wireable Plugs						
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	3-6.5 mm	FFDC-4MP-FW07-SS	FFDC-4FP-FW07-SS
				4-8 mm	FFDC-4MP-FW09-SS	FFDC-4FP-FW09-SS
				8-10 mm	FFDC-4MP-FW11-SS	FFDC-4FP-FW11-SS



Male Straight with Male Threads



Female Straight with Female Threads

Specifications:

Body:	Polyamide	Insert:	PVC
Contacts:	Copper Alloy with Gold Plating	Connections:	Screw Terminals
Coupling Nut:	Stainless Steel	Temperature:	-40°C to +90°C (-40°F to +194°F)
O-Ring:	NBR		

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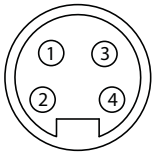
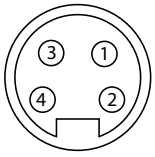
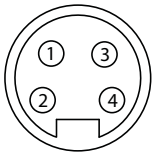
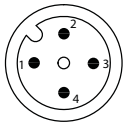
Foundation Fieldbus Series MIN/MDC Connectors

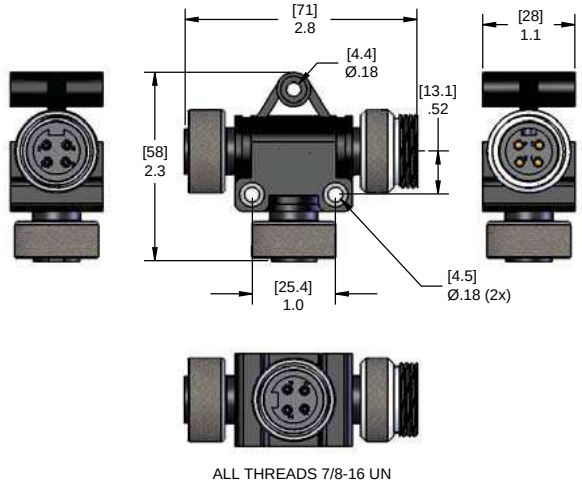
4 Conductor Foundation Fieldbus T Connectors



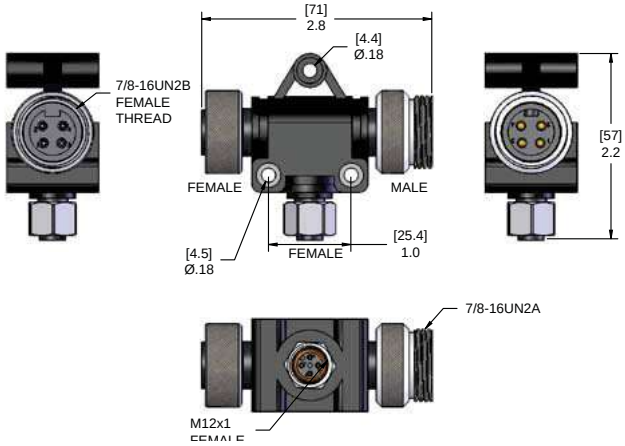
"T" Connectors | 300 Volt, 8 amps | 300 Volt, 4 amps | IP67 Rating

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MIN Male to MIN Female "T" Connectors					
# of Poles	**Male Faceview**	**Rating**	**Part Number**	**Wiring**	**Female Faceview**
4	 7/8"-16UN2	300V 8A	FFIN-4MFF-T-SS	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 7/8"-16UN2
MIN Male to MIN & MDC Female "T" Connectors					
4	 7/8"-16UN2	300V 4A	FFINDC-4MFF-T-SS	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 M12 x 1



MIN to MIN "T" Connector



MIN to MDC "T" Connector

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Stainless Steel
Temperature:	-40°C to +105°C (-40°F to +221°F)

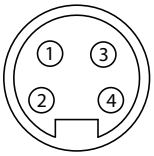
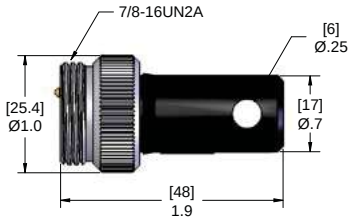
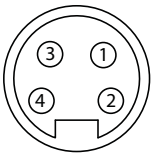
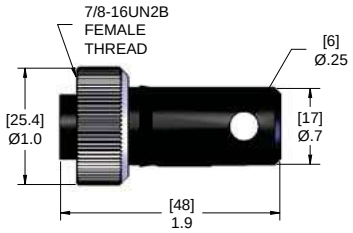
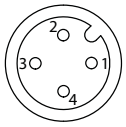
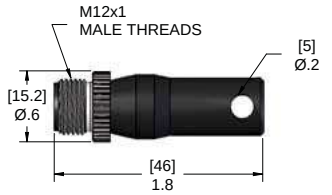
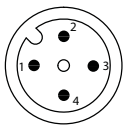
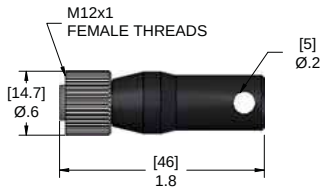
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Foundation Fieldbus Series Terminating Plugs

4 Conductor Foundation Fieldbus Field Terminating Plugs

Wiring: Pin 1 to pin 2 with 1/4 watt 100 Ohm resistor and 1µF capacitor

# of Poles	Faceview	Housing Style	Part Number
MIN (7/8" 16UN) Terminating Plugs			
4	 7/8"-16UN2		FFIN-4MP-DP1-SS
	 7/8"-16UN2		FFIN-4FP-DP1-SS
MDC (M12) Terminating Plugs			
4	 M12 x 1		FFDC-4MP-DP1-SS
	 M12 x 1		FFDC-4FP-DP1-SS

Specifications:

Body:	Oil Resistant PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Stainless Steel
Temperature:	-40°C to +105°C (-40°F to +221°F)

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Foundation Fieldbus Series Receptacles

Foundation Fieldbus Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

FF[ ]-4[ ]-[ ]-[ ]-SS

Receptacles Type

IN = MIN Receptacle (7/8”-16UN)
DC = MDC Receptacle (M12 x 1)

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Length in Meters

Mounting Style

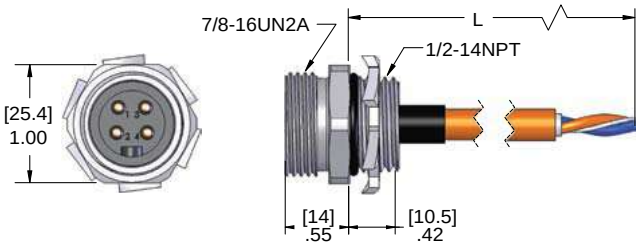
Blank = Front Mount 1/2”-14 NPT (Only MIN)
2 = Front Mount 1/2”-14 NPT (Only MDC)
PG9 = Front Mount PG 9 Threads
M20 = Front Mount Metric 20 Threads

Other thread types are available, please consult the factory.

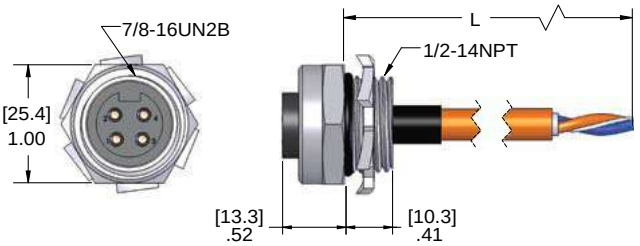
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Front Mount

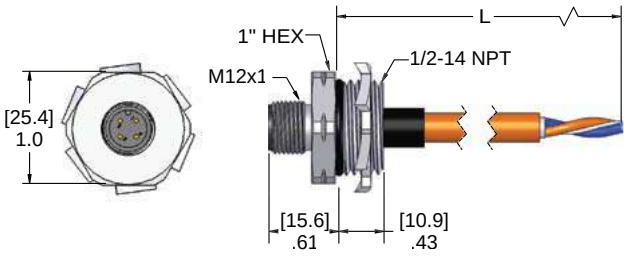
MIN, Front Mount, Male, 1/2”-14NPT Page M-11



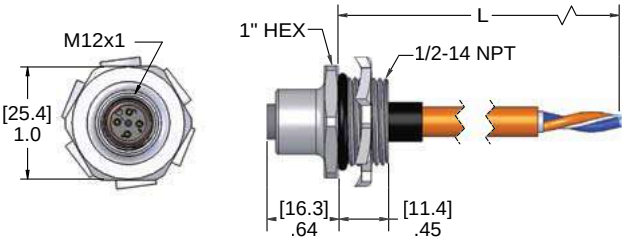
MIN, Front Mount, Female, 1/2”-14NPT Page M-11



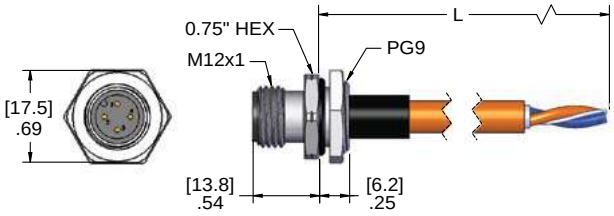
MDC, Front Mount, Male, 1/2”-14NPT Page M-11



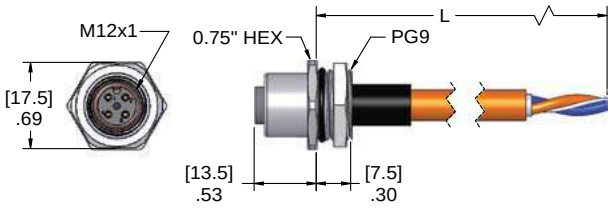
MDC, Front Mount, Female, 1/2”-14NPT Page M-11



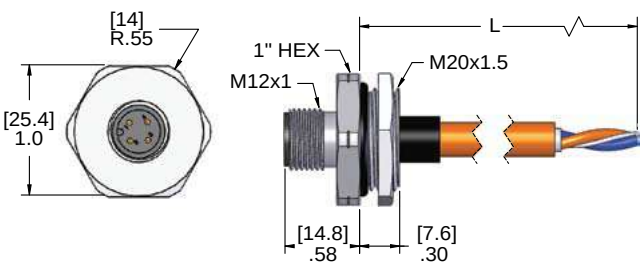
MDC, Front Mount, Male, PG9 Page M-12



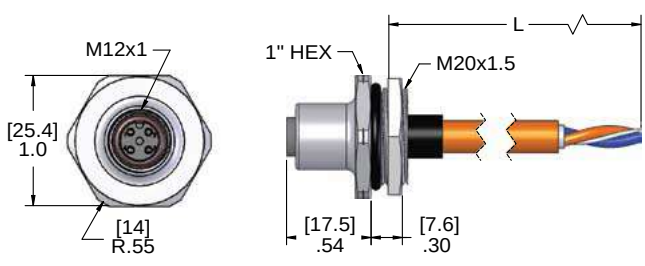
MDC, Front Mount, Female, PG9 Page M-12



MDC, Front Mount, Male, M20 Page M-12



MDC, Front Mount, Female, M20 Page M-12



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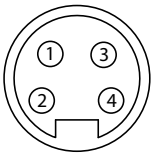
Foundation Fieldbus Series MIN/MDC Receptacles

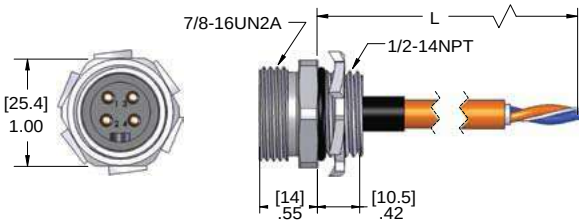
4 Conductor Foundation Fieldbus Receptacles, 18AWG



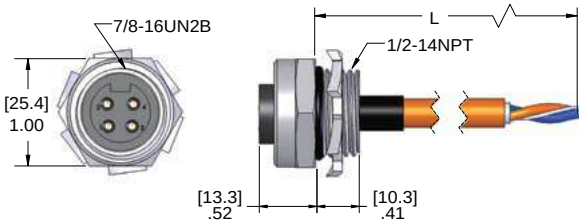
Front Mount Receptacles | 1/2”-14 NPT Threads | 300V, 10A | 300V, 4A | IP67 Rating

c UL us LISTED

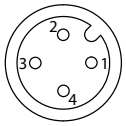
MIN (7/8” 16UN) Receptacles 1/2”-14 NPT						
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 7/8”-16UN2	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	300V 10A	18 AWG	FFIN-4MR-**-SS	FFIN-4FR-**-SS



Male Receptacle



Female Receptacle

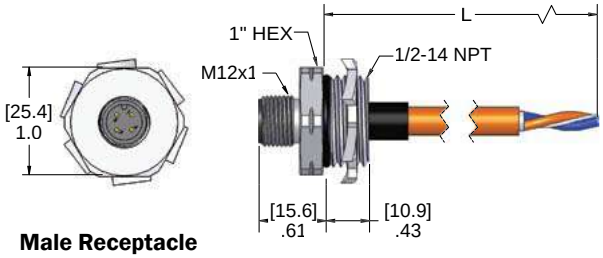
MDC (M12) Receptacles 1/2”-14 NPT						
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	300V 4A	18 AWG	FFDC-4MR-2-**-SS	FFDC-4FR-2-**-SS

** Lengths in meters.

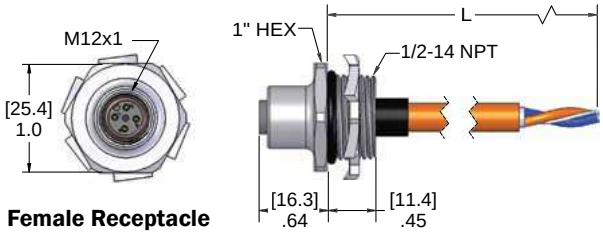
Lock Nut and O-Ring are included.

Specifications:

Shell:	Stainless Steel
Insulator:	FFIN: Oil Resistant Black PVC
	FFDC: Polyamide
Cable:	Orange PVC, 2x18 AWG Cable with Foil Shield
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Lock Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)



Male Receptacle



Female Receptacle

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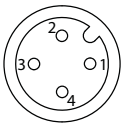


Foundation Fieldbus Series MDC Receptacles

4 Conductor Foundation Fieldbus Receptacles, 18AWG

Front Mount Receptacles | PG9 & M20 Threads | 300 Volt, 4 amps | IP67 Rating

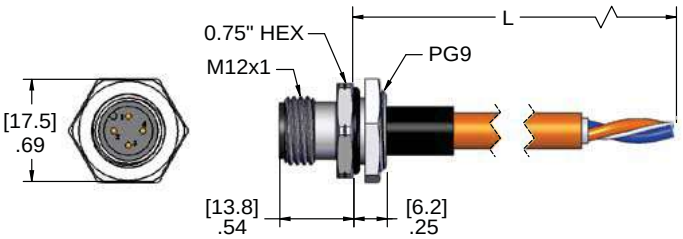
c UL us LISTED

# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	300V 4A	18 AWG	PG9	FFDC-4MR-PG9-**-SS	FFDC-4FR-PG9-**-SS
					M20	FFDC-4MR-M20-**-SS	FFDC-4FR-M20-**-SS

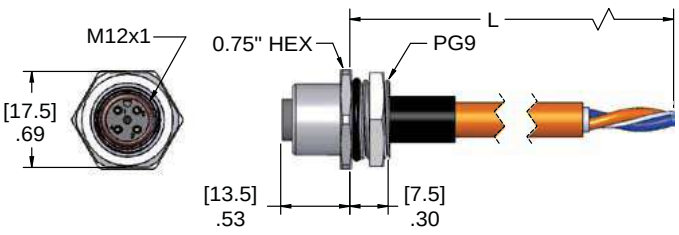
** Lengths in meters.

Jam Nut and O-Ring are included.

PG9 Threads

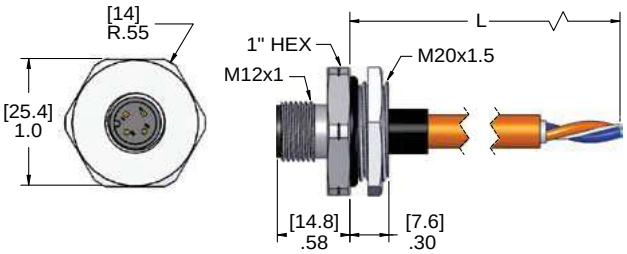


Male Receptacle

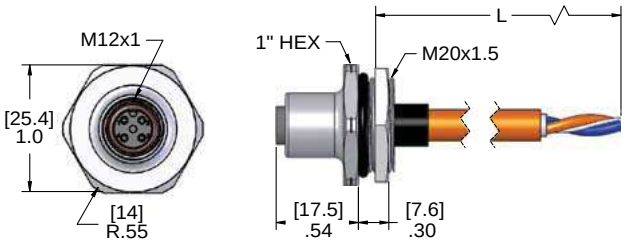


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell:	Stainless Steel
Insulator:	Polyamide
Cable:	Orange PVC, 2x18 AWG Cable with Foil Shield
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

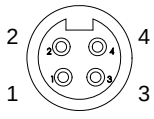
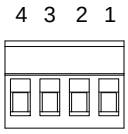
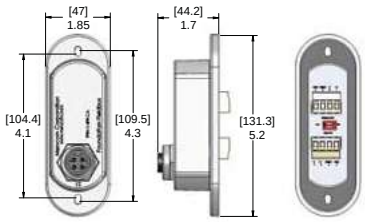
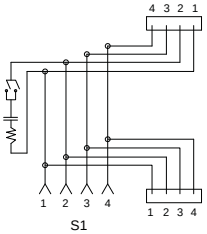
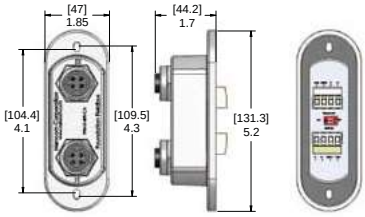
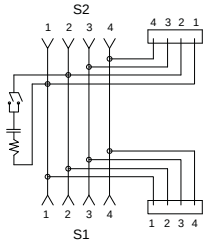
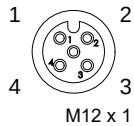
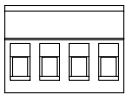
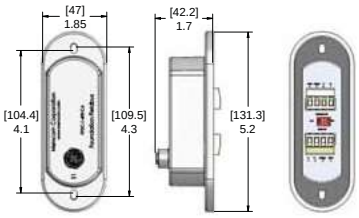
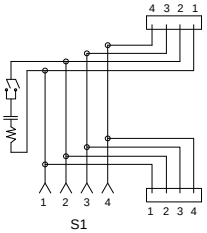
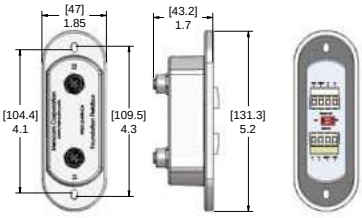
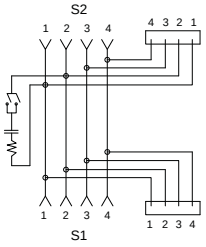
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Foundation Fieldbus Series Conduit Adapters

4 Conductor Foundation Fieldbus Conduit Adapters

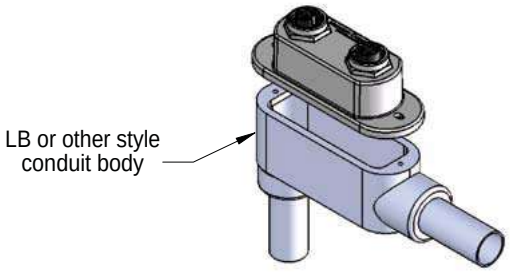


Conduit Adapters | MIN (7/8”-16UN) | MDC (M12) | 40 Volt, 4 amps | IP67 Rating

# of Poles	Female Faceview	Rating	# of Ports	Part Number	Body Style	Circuit
MIN (7/8”-16UN) Conduit Adapters						
4	 7/8”-16UN 1 = - V 2 = +V 3 = SHIELD 4 = GND  4 3 2 1 1 = - V 2 = +V 3 = SHIELD 4 = GND	40V 4A	1 Port	FFIN-1-4FR-CA		 S1
			2 Port	FFIN-2-4FR-CA		 S2 S1
MDC (M12) Conduit Adapters						
4	 M12 x 1 1 = - V 2 = +V 3 = SHIELD 4 = GND  4 3 2 1 1 = - V 2 = +V 3 = SHIELD 4 = GND	40V 4A	1 Port	FFDC-1-4FR-CA		 S1
			2 Port	FFDC-2-4FR-CA		 S2 S1

Specifications:

Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 70°C (-40°F to +158°F)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

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Notes:

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UL File #:
E149111

PROFIBUS (Process Field Bus) is a standard for field bus communication in automation technology. The PROFIBUS protocol has application specific profiles to meet differing factory floor requirements. There are two variations of PROFIBUS in use today; the most commonly used PROFIBUS DP, and the lesser used, application specific, PROFIBUS PA (See Section-O).

Profibus-DP

Profibus-DP is optimized for factory automation to operate sensors and actuators via a centralized controller in production applications. Profibus-DP uses an industrial physical layer based on RS-485. It is a two-wire differential system extremely resistant to electrical interference. Communication rates range from 9.6 kbps – 12 Mbps. The main cable is a 22awg shielded twisted pair covered by an outer braided shield.





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Profibus-DP

Decentralized Peripherals

Contents

Cordsets
- Part Number Matrix N-3
- Straight N-4
- Right Angle N-4
- Double Ended N-4
- Armored N-5

Field Wireable Plugs N-6

Receptacles
- Part Number Matrix N-7
- Index ..... N-8 ~ N-10
- Front Mount ..... N-11 ~ N-12
- PCB Mount ..... N-13 ~ N-14

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Profibus-DP Series Cordsets

Profibus-DP Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

PBEC -3 [ ] - [ ] - [ ] - [ ]

Connector Configuration

FP	=	Female Plug
MP	=	Male Plug
MFP	=	Male / Female Extension

Armor (See **N-5** for more details)

Blank	=	No Armor
A01	=	SS w/ Cable Inside
A03	=	PVC Covered SS w/ Cable Inside
A50	=	Silicone (Stops at Overmold)
A51	=	Silicone (Covers Overmold)

R/A or Straight

Blank	=	Straight
R	=	Right Angle**

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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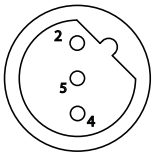
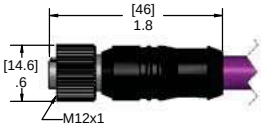
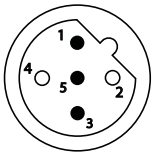
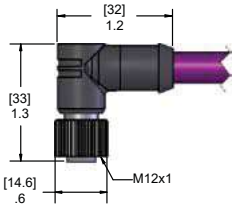
Profibus-DP Series Cordsets

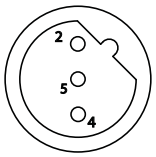
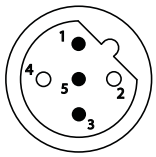
3 Conductor Profibus-DP Series Cordsets, 22AWG

Straight, Right Angle & Double Ended Cordsets | 300 Volt, 4 amps | IP67 Rating

c UL us LISTED

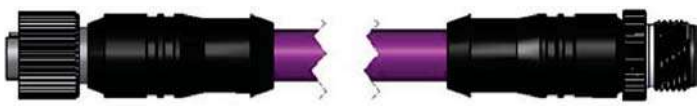


Profibus-DP Male Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Male Faceview**
	PBEC-3MP-**	Purple PVC PLTC/AWM With Foil Shield 2 X 22 AWG 300V, 4A -40°C to +80°C 8.6mm OD	Industry Standard PVC Foil Shield	1. N/C 2. Green (TxD) 3. N/C 4. Red (RxD) 5. Shield	 M12 x 1
Profibus-DP Female Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
	PBEC-3FP-**	Purple PVC PLTC/AWM With Foil Shield 2 X 22 AWG 300V, 4A -40°C to +80°C 8.6mm OD	Industry Standard PVC Foil Shield	1. N/C 2. Green (TxD) 3. N/C 4. Red (RxD) 5. Shield	 M12 x 1
	PBEC-3FP-**-R	Purple PVC PLTC/AWM With Foil Shield 2 X 22 AWG 300V, 4A -40°C to +80°C 8.6mm OD	Industry Standard PVC Foil Shield	1. N/C 2. Green (TxD) 3. N/C 4. Red (RxD) 5. Shield	

Male - Female Extension Cables					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 M12 x 1	PBEC-3MFP-**	Purple PVC PLTC/AWM With Foil Shield 2 X 22 AWG 300V, 4A -40°C to +80°C 8.6mm OD	Industry Standard PVC Foil Shield	1. N/C 2. Green (TxD) 3. N/C 4. Red (RxD) 5. Shield	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

Standard coupling nut is nickel plated brass, for stainless steel coupling nut add a "-SS" suffix. (e.g. PBEC-3FP-1M becomes PBEC-3FP--1M-SS)



Male - Female Extension

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

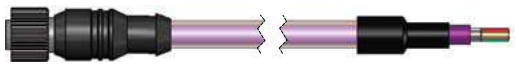
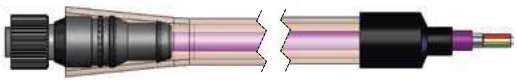
Profibus-DP Series Armored Cordsets

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush, Corrosion and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. PBEC-3FP-6M becomes PBEC-3FP-6M-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments
- Connectorize to make faster installation and future repairs

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

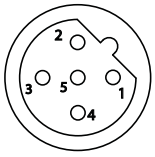


Profibus-DP Series Field Wireable Plugs

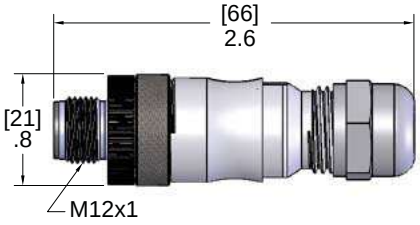
5 Conductor Profibus-DP Series Field Wireable Plugs, 18-24AWG

Straight Field Wireable Plugs | Shielded | 50 Volt, 4 amps | IP67 Rating

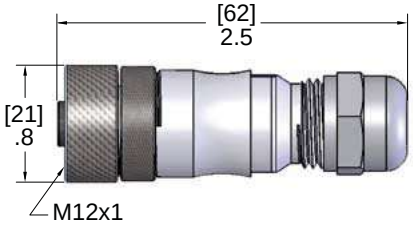


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
5	 M12 x 1	50V 4A	18-24AWG	3-9 mm	PBECM-5MP-FW	PBECM-5FP-FW

Connection via screw terminal. Voltage and amperage ratings are cable dependent and are based on 50V, 18 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.



Male Straight with Male Threads



Female Straight with Female Threads



Specifications:

Body:	Nickel Plated Brass
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Coupling Nut:	Nickel Brass
Insert:	PVC
Temperature:	-40°C to +90°C (-40°F to +194°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Profibus-DP Series Receptacles

Profibus-DP Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

PBEC ☐ -3 ☐ - ☐ - ☐ - ☐ - ☐

Ground Tab

Blank = No Ground Tab
M = Ground Tab

R/A or Straight

Blank = Straight
R = Right Angle

Connector Configuration

MP = Male Receptacle
FP = Female Receptacle

Length in Meters

Mounting Style

Blank = No Wire
2 = Front Mount 1/2”-14 NPT
4 = Front Mount 1/4”-18 NPT
PG9 = Front Mount PG 9 Threads
M20 = Front Mount Metric 20 Threads

Other thread types are available, please consult the factory.

Termination Type

Blank = Pre-Wired
PCB = PCB Mount

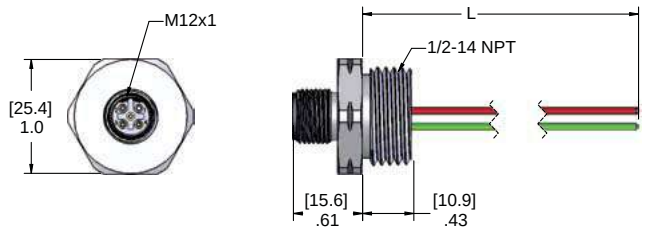
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Profibus-DP Series Receptacles

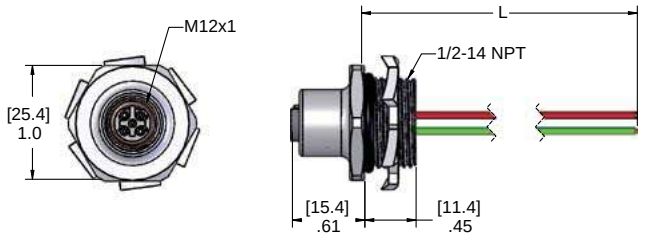
Profibus-DP Series Receptacle Index

Front Mount

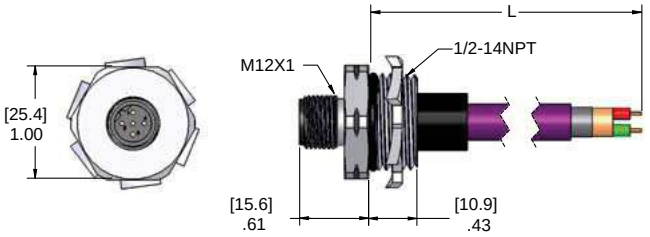
Front Mount, Male, 1/2”-14 NPT, 12” Leads Page N-11



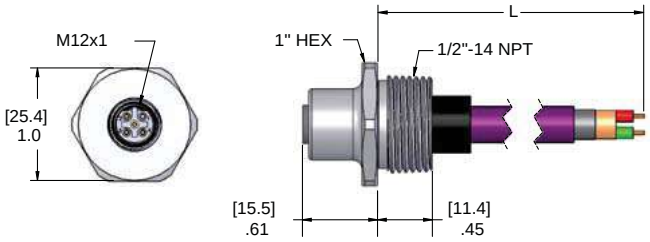
Front Mount, Female, 1/2”-14 NPT, 12” Leads Page N-11



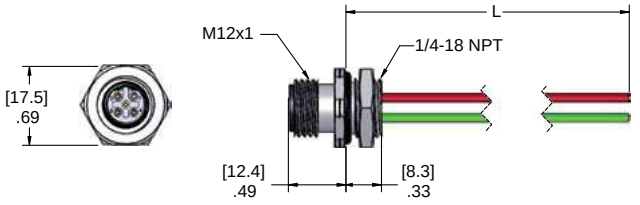
Front Mount, Male, 1/2”-14 NPT, Cable Version Page N-12



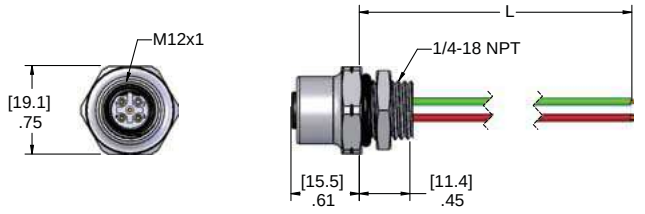
Front Mount, Female, 1/2”-14 NPT, Cable Version Page N-12



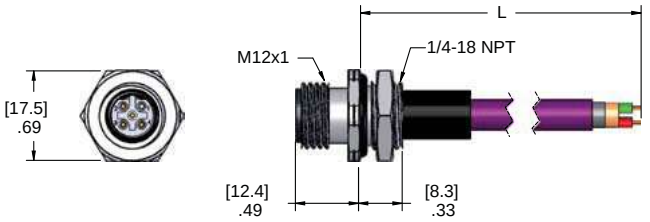
Front Mount, Male, 1/4”-18NPT, 12” Leads Page N-11



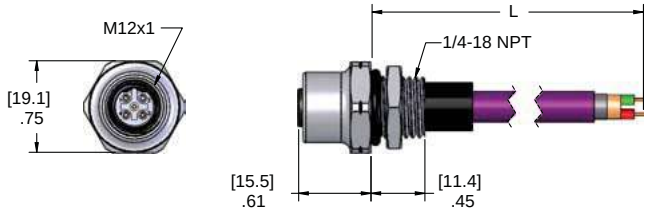
Front Mount, Female, 1/4”-18NPT, 12” Leads Page N-11



Front Mount, Male, 1/4”-18 NPT, Cable Version Page N-12

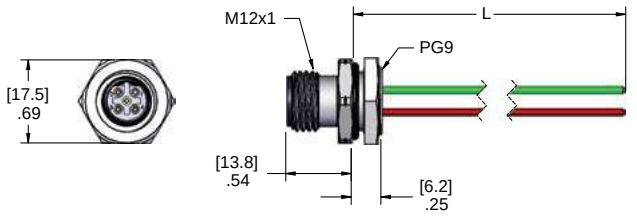


Front Mount, Female, 1/4”-18 NPT, Cable Version Page N-12

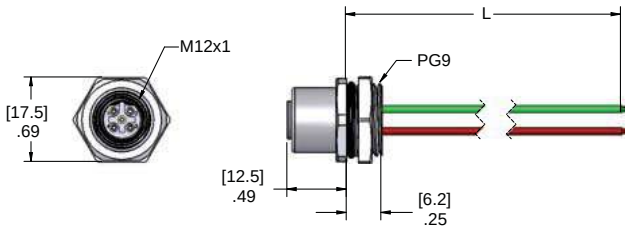


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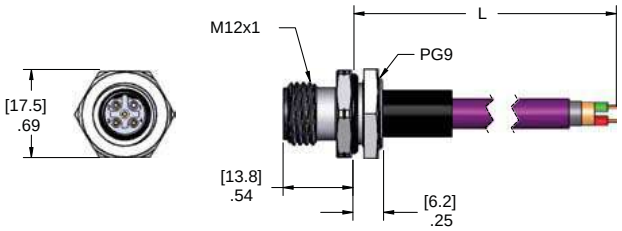
Front Mount, Male, PG9 Threads, 12" Leads Page N-11



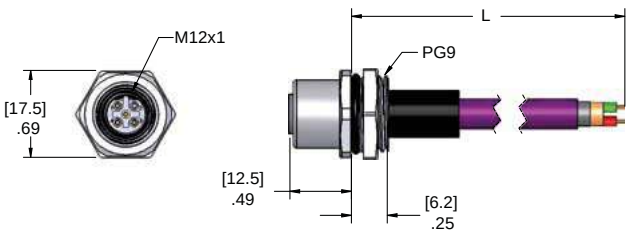
Front Mount, Female, PG9 Threads, 12" Leads Page N-11



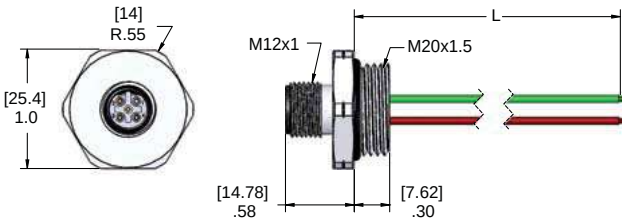
Front Mount, Male, PG9 Threads, Cable Version Page N-12



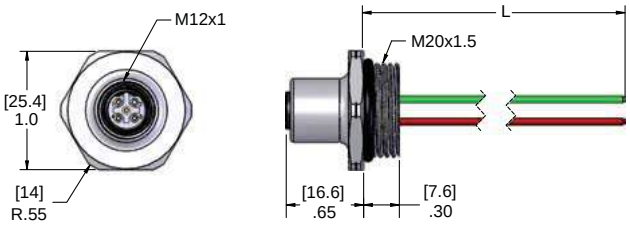
Front Mount, Female, PG9 Threads, Cable Version Page N-12



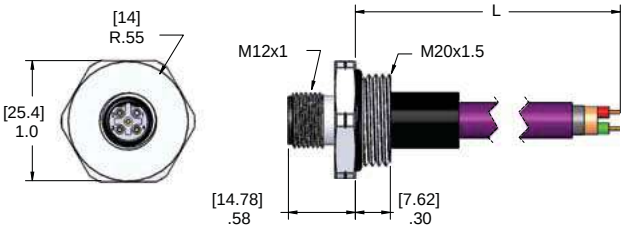
Front Mount, Male, M20 Threads, 12" Leads Page N-11



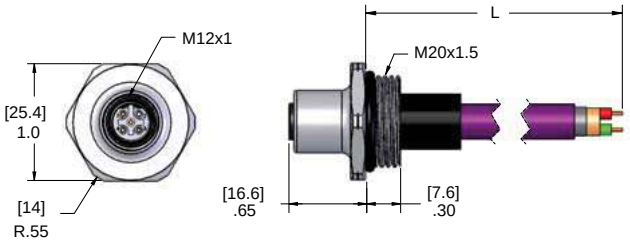
Front Mount, Female, M20 Threads, 12" Leads Page N-11



Front Mount, Male, M20 Threads, Cable Version Page N-12

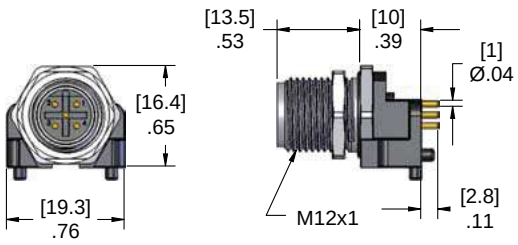


Front Mount, Female, M20 Threads, Cable Version Page N-12

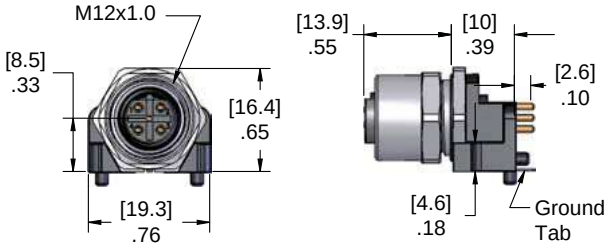


PCB Mount

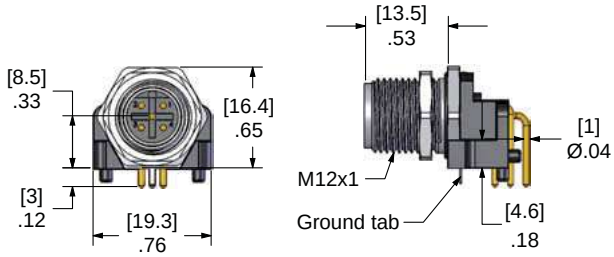
PCB Mount, Male Page N-13



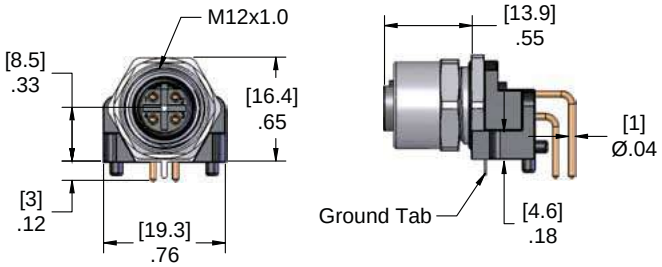
PCB Mount, Female Page N-13



PCB Mount, Male, Right Angle Page N-14



PCB Mount, Female, Right Angle Page N-14



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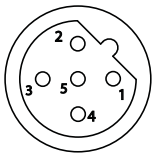
Profibus-DP Series Receptacles

3 Conductor Profibus-DP Series Receptacles, 22AWG



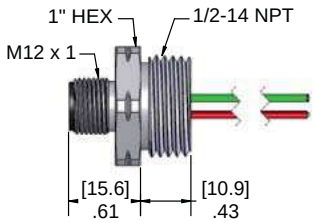
Front Mount Receptacles | 300 Volt, 4 amps | 12” Leads Version | IP67 Rating

c UL us LISTED

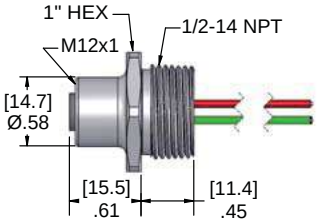
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Threads	Male Receptacles	Female Receptalces
3	 M12 x 1	PIN #1 - N/C PIN #2 - Green (TxD) PIN #3 - N/C PIN #4 - Red (RxD) PIN #5 - Shield	22 AWG 300V 4A	1/2”-14 NPT	PBEC-3MR-2	PBEC-3FR-2
				1/4”-18 NPT	PBEC-3MR-4	PBEC-3FR-4
				PG9	PBEC-3MR-PG9	PBEC-3FR-PG9
				M20	PBEC-3MR-M20	PBEC-3FR-M20

12” leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
For 1/2” receptacles with lengths of 15” or longer O-ring and jam nut are included.
Stainless Steel versions are available , add “-SS” suffix to the part number (e.g. PBEC-3MR-2-SS).

1/2”-14NPT Threads

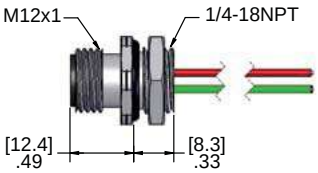


Male Receptacle

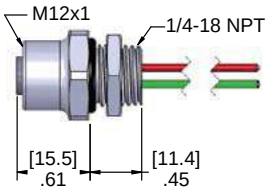


Female Receptacle

1/4”-18NPT Threads

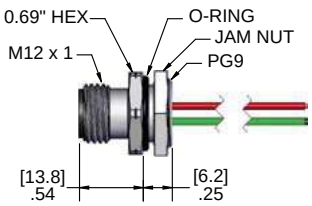


Male Receptacle

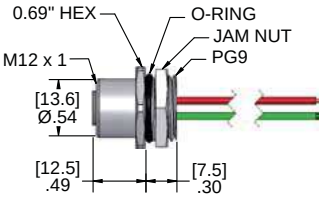


Female Receptacle

PG9 Threads

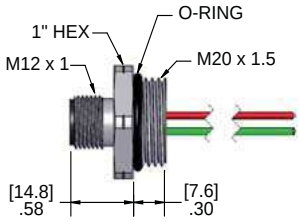


Male Receptacle

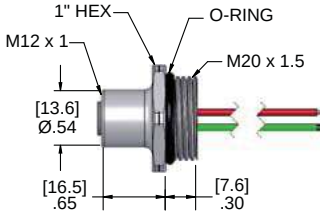


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell:	1/2” -14 NPT: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
	1/4” -18 NPT: Nickel Plated Brass	O-Ring:	NBR
	PG 9: Nickel Plated Brass	Lock Nut:	Zinc Plated Steel
	M20: Clear Anodized Aluminum	Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	Temperature:	-40°C to 80°C (-40°F to +221°F)

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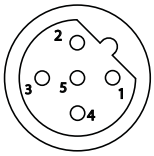


Profibus-DP Series Receptacles

3 Conductor Profibus-DP Series Receptacles, 22AWG

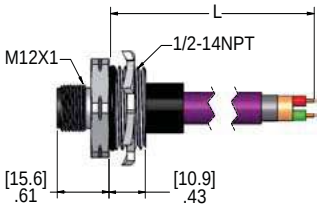
Front Mount Receptacles | 300 Volt, 4 amps | Cable Version | IP67 Rating

c UL us LISTED

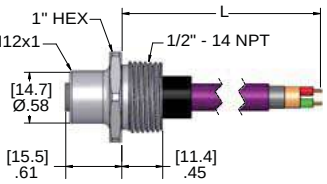
# of Poles	Male Faceview	Color Code	Wire AWG Rating	Threads	Male Receptacles	Female Receptalces
3	 M12 x 1	PIN #1 - N/C PIN #2 - Green (TxD) PIN #3 - N/C PIN #4 - Red (RxD) PIN #5 - Shield	22 AWG 300V 4A	1/2"-14 NPT	PBEC-3MR-2-**	PBEC-3FR-2-**
				1/4"-18 NPT	PBEC-3MR-4-**	PBEC-3FR-4-**
				PG9	PBEC-3MR-PG9-**	PBEC-3FR-PG9-**
				M20	PBEC-3MR-M20-**	PBEC-3FR-M20-**

** Lengths in meters.
Stainless Steel versions are available , add "-SS" suffix to the part number (e.g. PBEC-3MR-2-SS).

1/2"-14NPT Threads

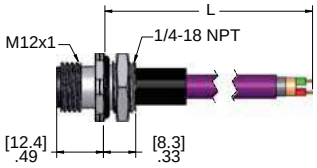


Male Receptacle

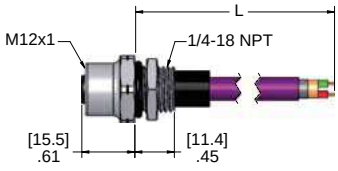


Female Receptacle

1/4"-18NPT Threads

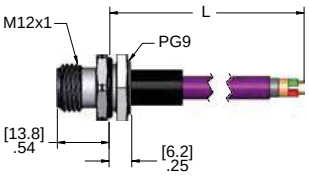


Male Receptacle

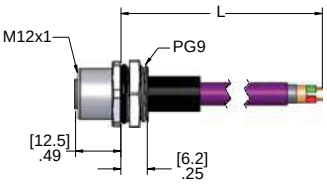


Female Receptacle

PG9 Threads

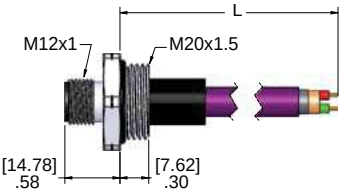


Male Receptacle

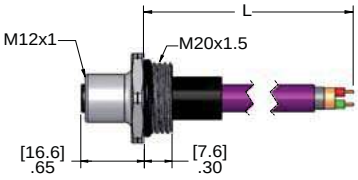


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell:	1/2" -14 NPT: Clear Anodized Aluminum	Contacts:	Copper Alloy with Gold Plating
	1/4" -18 NPT: Nickel Plated Brass	O-Ring:	NBR
	PG 9: Nickel Plated Brass	Lock Nut:	Zinc Plated Steel
	M20: Clear Anodized Aluminum	Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	Temperature:	-40°C to 80°C (-40°F to +221°F)
Cable:	Purple PVC, 2x22 AWG Cable with Foil Shield		

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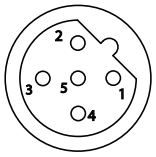
Profibus-DP Series Receptacles

5 Conductor Profibus-DP Series Receptacles

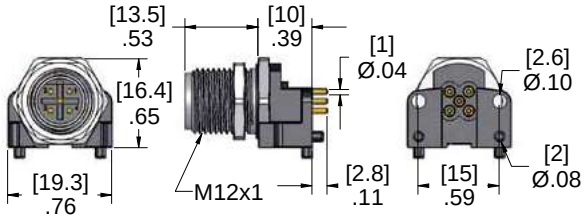


PCB Mount Straight Receptacles | 150 Volt, 4 amps | IP67 Rating

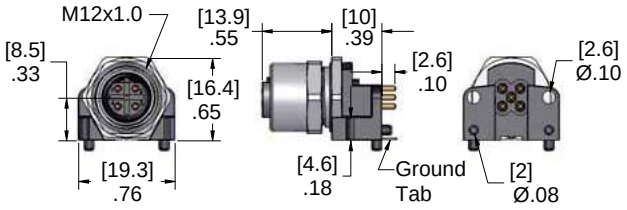
c UL us LISTED

# of Poles	Male Faceview	Rating	Style	Male Receptacles	Female Receptacles
5	 M12 x 1	150V 4A	PCB Mount	PBEC-5MR-PCB	PBEC-5FR-PCB
			PCB Mount w/ Ground Tab	PBECM-5MR-PCB	PBECM-5FR-PCB

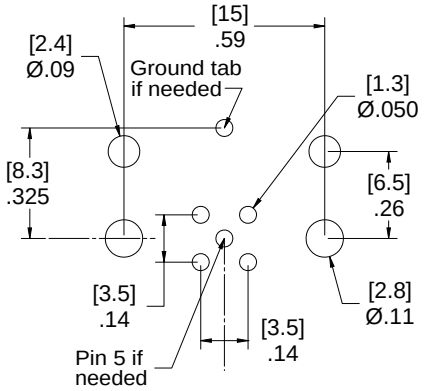
Male Straight



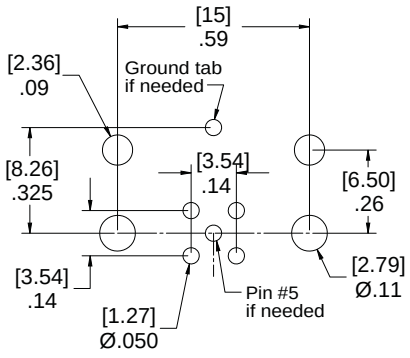
Female Straight



5 Pole
Male Straight Layout



5 Pole
Female Straight Layout



Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass

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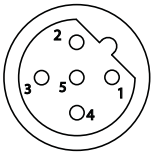


Profibus-DP Series Receptacles

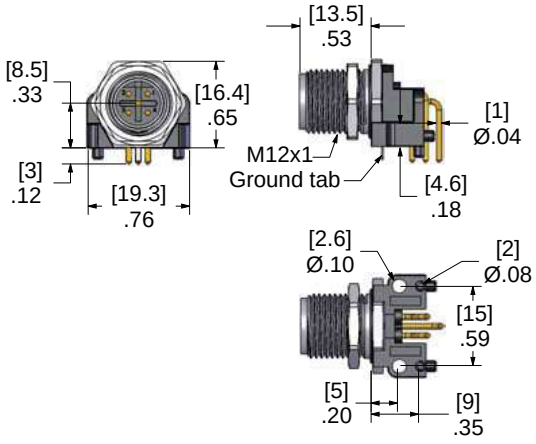
5 Conductor Profibus-DP Series Receptacles

PCB Mount Right Angle Receptacles | 150 Volt, 4 amps | IP67 Rating

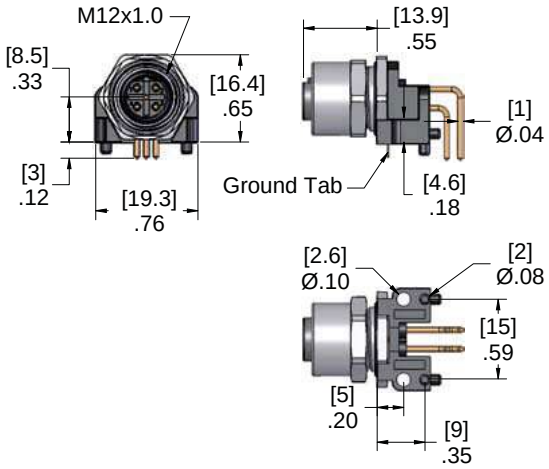
c UL us LISTED

# of Poles	Male Faceview	Rating	Style	Male Receptacles	Female Receptacles
5	 M12 x 1	150V 4A	PCB Mount	PBEC-5MR-PCB-R	PBEC-5FR-PCB-R
			PCB Mount w/ Ground Tab	PBECM-5MR-PCB-R	PBECM-5FR-PCB-R

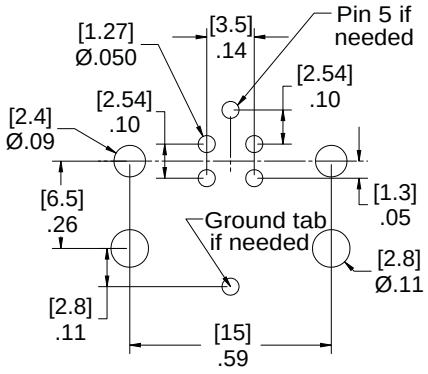
Male Right Angle



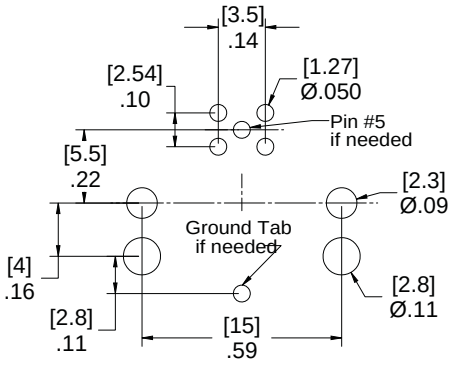
Female Right Angle



5 Pole
Male Right Angle Layout



5 Pole
Female Right Angle Layout



Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Shell:	Nickel Plated Brass
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass

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UL File #:
E149111

PROFIBUS (Process Field Bus) is a standard for field bus communication in automation technology. The PROFIBUS protocol has application specific profiles to meet differing factory floor requirements. There are two variations of PROFIBUS in use today; the most commonly used PROFIBUS DP (See Section-N), and the lesser used, application specific, PROFIBUS PA.

Profibus-PA

Profibus-PA is optimized for process automation to monitor measuring equipment via a process control system in process automation applications.





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Profibus-PA

Process Automation

Contents

Cordsets
- Part Number Matrix 0-3
- Straight 0-4
- Double Ended 0-5
- Armored 0-6

Field Wireable Plugs 0-7

"T" Connectors 0-8

Receptacles
- Part Number Matrix 0-9
- Index 0-10
- Front Mount
  - 1/2"-14 NPT 0-11
  - PG9 0-12
  - M20 0-12

Conduit Adapters 0-13

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Profibus-PA Series Cordsets

Profibus-PA Series Cordset Part Number Matrix

Not all options available with all cordsets, please consult factory.

PB[ ]-4[ ]-[ ]-[ ]-SS-[ ]

Cordset Type

IN = MIN Cordset (7/8"-16UN)
DC = MDC Cordset (M12 x 1)

R/A or Straight

Blank = Straight
R = Right Angle**

** If single ended cable, right angle connector to flying leads
If double ended cable, right angle on both connectors

Connector Configuration

MPX = Male Plug - 18awg
FPX = Female Plug - 18awg
MFPX = Male / Female Extension - 18awg

Armor (See **0-6** for more details)

Blank = No Armor
A01 = SS w/ Cable Inside
A03 = PVC Covered SS w/ Cable Inside
A50 = Silicone (Stops at Overmold)
A51 = Silicone (Covers Overmold)

Length in Meters

1M
2M
4M
5M
6M
10M
15M
Other lengths are available by request.

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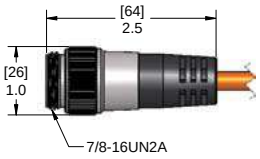
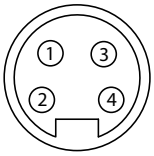
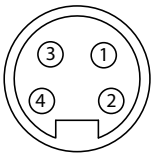
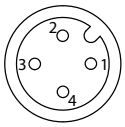
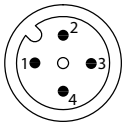
Profibus-PA Series MIN/MDC Cordsets

4 Conductor Profibus-DP Series MIN/MDC Cordsets, 18AWG

Straight Cordsets | 300V, 10A | 300V, 4A | IP67 Rating

c UL us LISTED



MIN (7/8" 16UN) Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	PBIN-4MPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 7/8"-16UN2
	PBIN-4FPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 7/8"-16UN2
MDC (M12) Cordsets					
Connector Body Style	**Part Number**	**Cables**	**Features**	**Color Code**	**Faceview**
	PBDC-4MPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 M12 x 1
	PBDC-4FPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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Profibus-PA Series MIN/MDC Cordsets

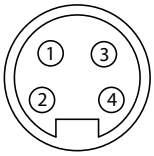
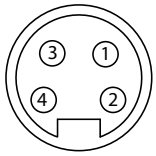
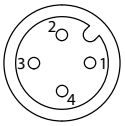
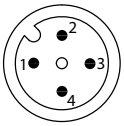
4 Conductor Profibus-DP Series MIN/MDC Cordsets, 18AWG



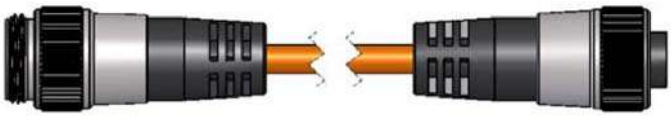
Double Ended Cordsets | 300V, 10A | 300V, 4A | IP67 Rating



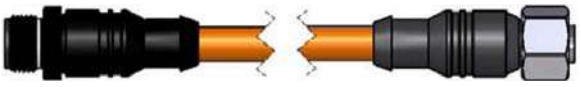
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MIN Double Ended Cordsets					
Male Faceview	**Part Number**	**Cables**	**Features**	**Color Code**	**Female Faceview**
 7/8"-16UN2	PBIN-4MFPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 10A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 7/8"-16UN2
MDC Double Ended Cordsets					
 M12 x 1	PBDC-4MFPX-**-SS	Orange PVC ITC-ER With Foil Shield 2 X 18 AWG 1 x 22 AWG (Drain) 300V, 4A -40°C to +105°C 7.2mm OD	Crush Proof Industry Standard PVC Stainless Steel Coupling Nut Foil Shield	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	 M12 x 1

** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



MIN Series Male - Female Extension



MDC Series Male - Female Extension

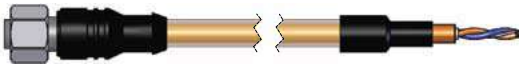
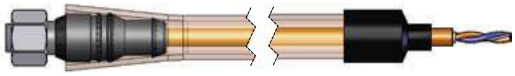


Profibus-PA Series Armored Cordsets

Connectivity Solutions for Harsh & Rugged Environments

Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



Connector Body Style	Suffix Number	Description	Features
	A01	Stainless Steel with Cable Inside	Crush, Corrosion and Abrasion Resistant
	A03	PVC Covered Stainless Steel with Cable Inside	Water Tight Crush, Corrosion and Abrasion Resistant
	A50	Silicone Tube (Stops at Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant
	A51*	Silicone Tube (Covers Overmold)	Chemical and Weld Slag Resistant Hi-Temperature Resistant

* A51 only available for MDC Series.
To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. PBDC-4FP-6M becomes PBDC-4FP-6M-A03).

Why do I need this product?

- To extend the life of existing assemblies in potentially destructive environments
- Connectorize to make faster installation and future repairs

Where are these products used?

Harsh & Rugged Environments exposed to Chemicals, Abrasions, High Temperature, Wash Down, Welding, Cutting, Marine Applications...



Profibus-PA Series Field Wireable Plugs

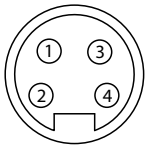
4 Conductor Profibus-DP Series Field Wireable Plugs



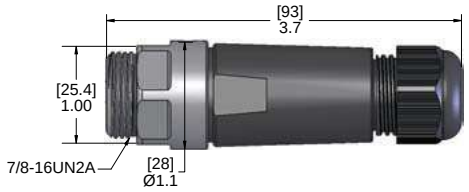
Field Wireable Plugs | MIN & MDC | 600 Volt, 15 amps MAX | 250 Volt, 4 amps MAX | IP67 Rating



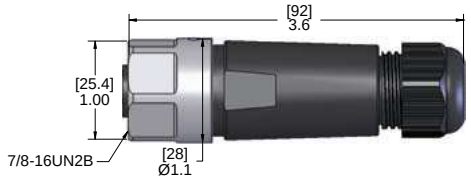
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MIN Field Wireable Plugs						
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 7/8"-16UN2	600V 15A MAX	14-22 AWG	5-13 mm	PBIN-4MPM-FW-SS	PBIN-4FP-FW-SS
				8-17 mm	PBIN-4MPM-FWX-SS	PBIN-4FP-FWX-SS

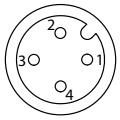
Connection via screw terminal. Voltage and amperage ratings are cable dependent and are based on 600V 14 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.



Male Staright with Male Threads



Female Staright with Female Threads

MDC Field Wireable Plugs						
# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A MAX	18-24 AWG	3-6.5 mm	PBDC-4MP-FW07-SS	PBDC-4FP-FW07-SS
				4-8 mm	PBDC-4MP-FW09-SS	PBDC-4FP-FW09-SS
				8-10 mm	PBDC-4MP-FW11-SS	PBDC-4FP-FW11-SS

Connection via screw terminal. Voltage and amperage ratings are cable dependent and are based on 600V 14 AWG cable.
Cables with lower voltage ratings and smaller conductors will lower these ratings.



Male Straight with Male Threads



Female Straight with Female Threads

Specifications:

Body:	Polyamide	Insert:	PVC
Contacts:	Copper Alloy with Gold Plating	Connections:	Screw Terminals
Coupling Nut:	Stainless Steel	Temperature:	-40°C to +90°C (-40°F to +194°F)
O-Ring:	NBR		

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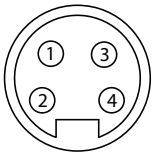
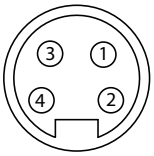
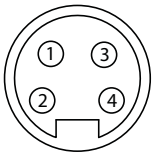
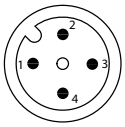


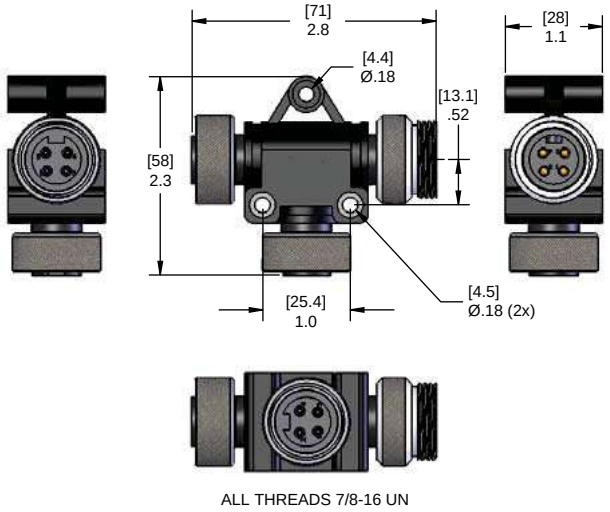
Profibus-PA Series “T” Connectors

4 Conductor Profibus-PA Series “T” Connectors, 14-22AWG

“T” Connectors | Male to Female | MIN & MDC | 300 Volt, 4/8 amps MAX | IP67 Rating

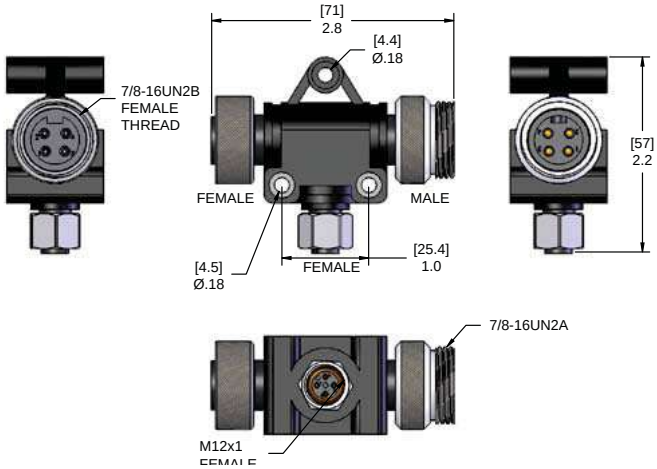
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MIN Male to Two MIN Female “T” Connectors					
# of Poles	**Male Faceview**	**Rating**	**Part Number**	**Wiring**	**Female Faceview**
4	 7/8”-16UN2	300V 8A	PBIN-4MFF-T-SS	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 7/8”-16UN2
MIN Male to MIN & MDC Female “T” Connectors					
4	 7/8”-16UN2	300V 4A	PBINDC-4MFF-T-SS	1 to 1 to 1 2 to 2 to 2 3 to 3 to 3 4 to 4 to 4	 M12 x 1



ALL THREADS 7/8-16 UN

MIN to MIN “T” Connector



MIN to MDC “T” Connector

Specifications:

Body:	Oil Resistant Yellow PVC
Contacts:	Copper Alloy with Gold Plating
Coupling Nut:	Stainless Steel
Temperature:	-40°C to +105°C (-40°F to +221°F)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Profibus-PA Series Receptacles

Profibus-PA Series Receptacle Part Number Matrix

Not all options available with all receptacles, please consult factory.

PB[ ]-4[ ]-[ ]-[ ]-SS

Receptacles Type

IN = MIN Receptacle (7/8”-16UN)
DC = MDC Receptacle (M12 x 1)

Connector Configuration

MR = Male Receptacle
FR = Female Receptacle

Length in Meters

Mounting Style

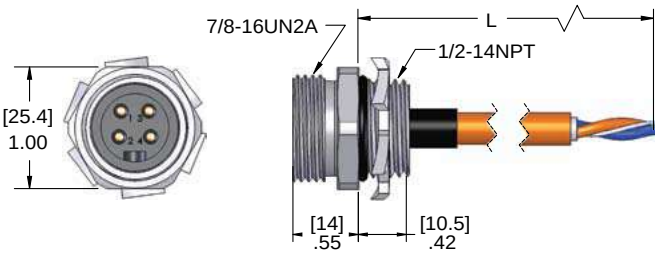
Blank = Front Mount 1/2”-14 NPT (Only MIN)
2 = Front Mount 1/2”-14 NPT (Only MDC)
PG9 = Front Mount PG 9 Threads
M20 = Front Mount Metric 20 Threads

Other thread types are available, please consult the factory.

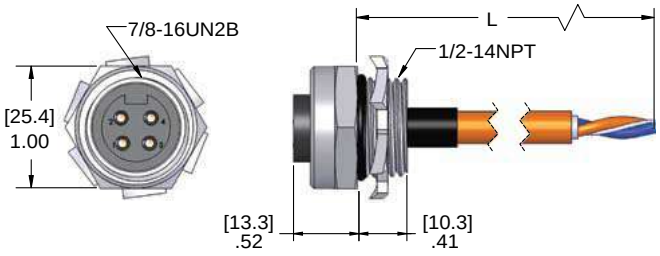
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Front Mount

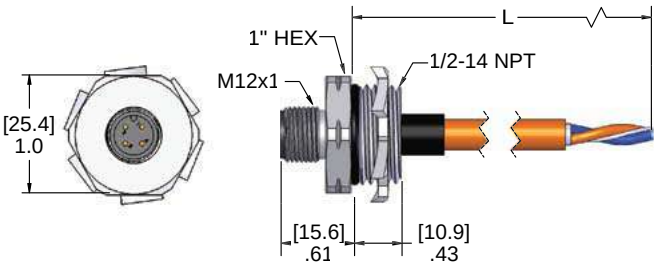
MIN, Front Mount, Male, 1/2”-14NPT Page 0-11



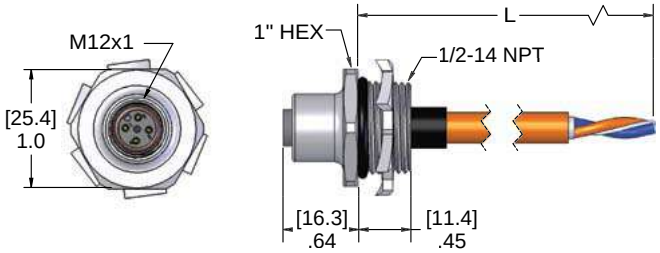
MIN, Front Mount, Female, 1/2”-14NPT Page 0-11



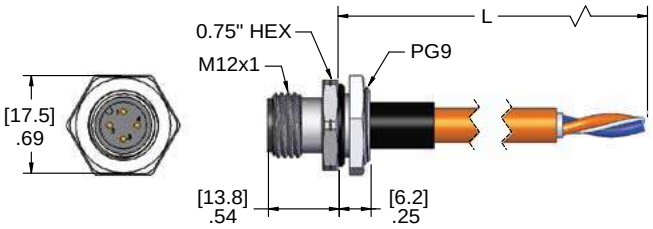
MDC, Front Mount, Male, 1/2”-14NPT Page 0-11



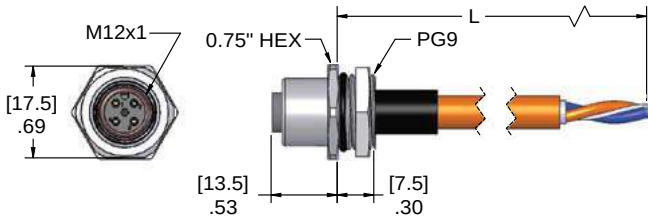
MDC, Front Mount, Female, 1/2”-14NPT Page 0-11



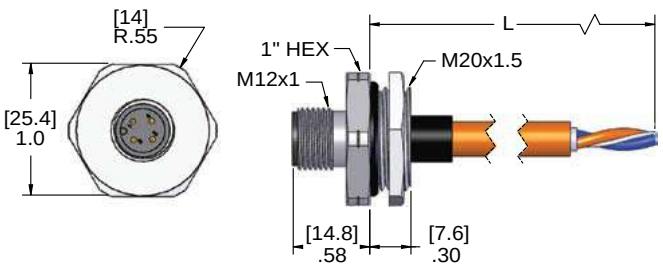
MDC, Front Mount, Male, PG9 Threads Page 0-12



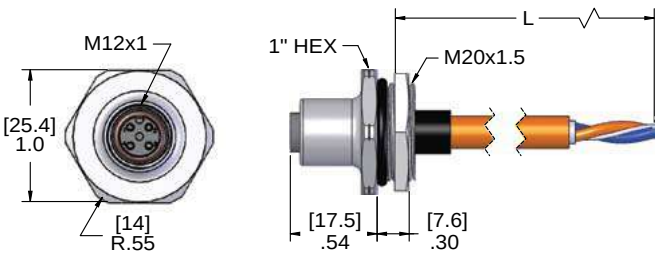
MDC, Front Mount, Female, PG9 Threads Page 0-12



MDC, Front Mount, Male, M20 Threads Page 0-12



MDC, Front Mount, Female, M20 Threads Page 0-12



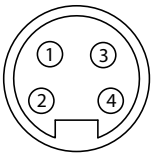
Profibus-PA Series MIN/MDC Receptacles

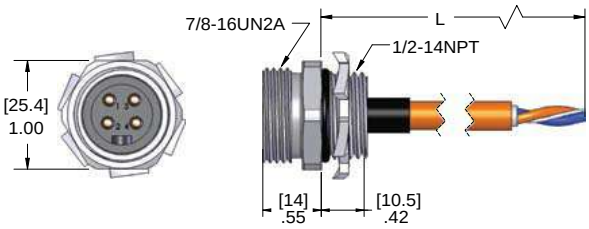
4 Conductor Profibus-PA Series Receptacles, 18AWG



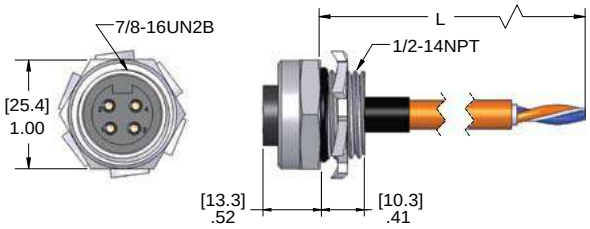
Front Mount Receptacles | 1/2”-14 NPT Threads | 300V, 8A | 300V, 4A | IP67 Rating

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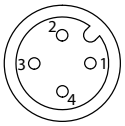
Profibus-PA MIN Receptacles 1/2”-14 NPT Threads						
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 7/8”-16UN2	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	300V 8A	18 AWG	PBIN-4MR-**-SS	PBIN-4FR-**-SS



Male Receptacle



Female Receptacle

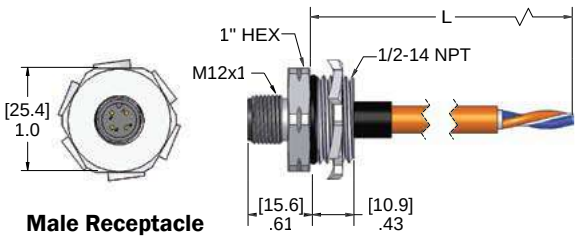
Profibus-PA MDC Receptacles 1/2”-14 NPT Threads						
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Orange(+) 2. N/C 3. Blue(-) 4. Shield	300V 4A	18 AWG	PBDC-4MR-2-**-SS	PBDC-4FR-2-**-SS

** Lengths in meters.

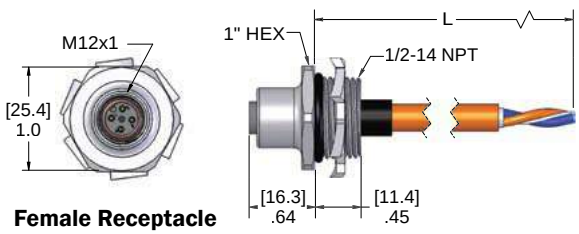
Lock Nut and O-Ring are included.

Specifications:

Shell:	Stainless Steel
Insulator:	PBIN: Oil Resistant Yellow PVC PBDC: Polyamide
Cable:	Orange PVC, 2x18 AWG Cable with Foil Shield
Contacts:	Copper Alloy with Gold Plating
Oring:	NBR
Lock Nut:	Zinc Plated Steel
Temperature:	-40ºC to 105ºC (-40ºF to +221ºF)



Male Receptacle



Female Receptacle

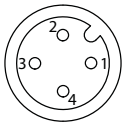


Profibus-PA Series MDC Receptacles

4 Conductor Profibus-PA Series Receptacles, 18AWG

Front Mount Receptacles | PG9 & Metric Threads | 300 Volt, 4 amps | IP67 Rating

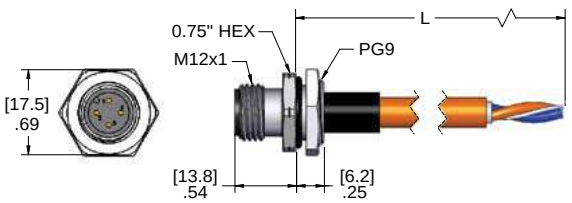
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# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Threads	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Blue(-) 2. Orange(+) 3. Shield 4. N/C	300V 4A	18 AWG	PG9	PBDC-4MR-PG9-**-SS	PBDC-4FR-PG9-**-SS
					M20	PBDC-4MR-M20-**-SS	PBDC-4FR-M20-**-SS

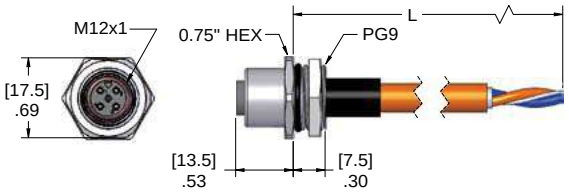
** Lengths in meters.

Lock Nut and O-Ring are included.

PG9 Threads

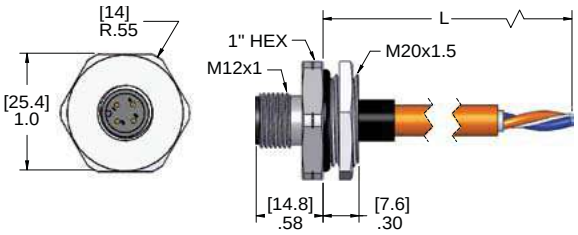


Male Receptacle

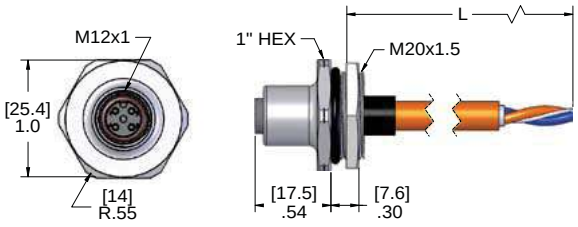


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle

Specifications:

Shell:	Stainless Steel
Insulator:	Polyamide
Cable:	Orange PVC, 2x18 AWG Cable with Foil Shield
Contacts:	Copper Alloy with Gold Plating
O-Ring:	NBR
Jam Nut:	Nickel Plated Brass
Temperature:	-40°C to 105°C (-40°F to +221°F)

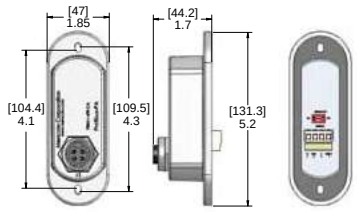
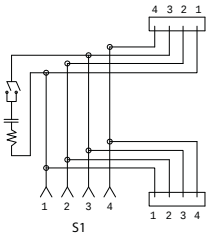
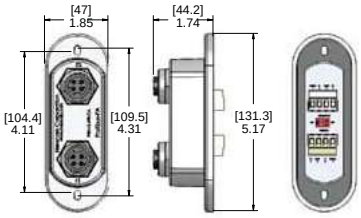
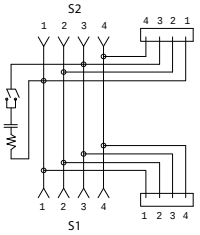
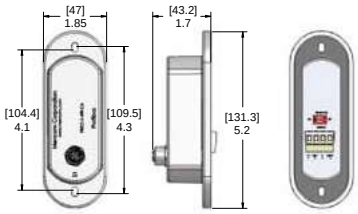
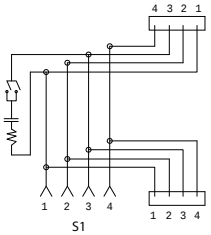
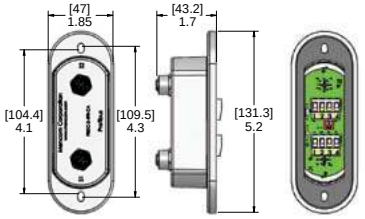
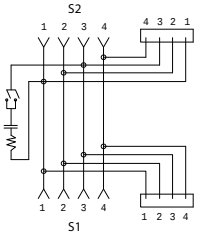
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Profibus-PA Series MIN Conduit Adapters

4 Conductor Profibus-PA Series Conduit Adapter

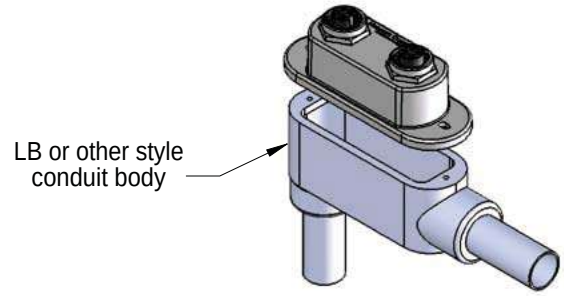


Conduit Adapters | MIN | MDC | 40 Volt, 4 amps | IP67 Rating

MIN Conduit Adapters						
# of Poles	**Faceview**	**Rating**	**# of Ports**	**Part Number**	**Body Style**	**Circuit**
4	2 4 / 1 3 7/8"-16UN 1 = ORANGE (+ V) 2 = GROUND 3 = BLUE (- V) 4 = BARE (SHIELD) 4 3 2 1 1 = ORANGE (+ V) 2 = GROUND 3 = BLUE (- V) 4 = BARE (SHIELD)	40V 4A	1 Port	PBIN-1-4FR-CA		
			2 Port	PBIN-2-4FR-CA		
MDC Conduit Adapters						
4	1 2 / 4 3 M12 x 1 1 = ORANGE (+ V) 2 = GROUND 3 = BLUE (- V) 4 = BARE (SHIELD) 4 3 2 1 1 = ORANGE (+ V) 2 = GROUND 3 = BLUE (- V) 4 = BARE (SHIELD)	40V 4A	1 Port	PBDC-1-4FR-CA		
			2 Port	PBDC-2-4FR-CA		

Specifications:

Housing:	Glass Filled PBT
Recp. Shell:	Nickel Plated Brass
Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Gasket:	NBR
Temperature:	-40°C to 70°C (-40°F to +158°F)



Remove existing Conduit Body cover and replace with Mencom Conduit Adapter.

Works with all standard 3/4" NPT conduit bodies, including Form 8 and Mark 9 adapters. (screws are included with adapter)

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Notes:

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Junction Blocks

Increase Reliability, Speed Up Installation Process, Reduce Downtime

JIN | JDC | JAC | JAN | DeviceNet

UL File #:
E149111

c UL us LISTED

The industrial automation world is constantly searching for ways to increase installation reliability, speed up the installation process, and reduce down time. Mencom Junction Blocks provide a quick, clean, cost effective solution to help achieve all of those goals.

Features

The basic design of the MIN series, MICRO series, and NAN series of blocks, allows for fast and accurate installation while reducing overall labor.

The MIN series is available in 4, 6, and 8 port configurations. The MIN series is also available in stainless steel.
The Micro series, available for both MDC and MAC connections as well as for DeviceNet applications, sizes from 4–12 ports with and without LED indication.
The NAN series is available with 4, 6 or 8 M8 ports with and without LED indication.

All Mencom junction blocks are IP 67 rated for harsh environments, and are available with a variety of trunk connections.



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Junction Blocks

Increase Reliability, Speed Up Installation Process, Reduce Downtime

Contents

JIN (7/8")

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7/8” JIN Junction Blocks

JIN Junction blocks Part Number Matrix

Not all options available with all junction blocks, please consult factory.

JIN□ - □□ 0 - □□ - □□

Housing Material

Blank = Aluminum Alloy
SS = Stainless Steel

Length in Meters

000 = No Cable
020 = 2M
050 = 5M
100 = 10M
Other lengths are available by request.

Number of Port

4
6
8

Trunk Connection Type

M = Receptacles
C = Cable

Number of Pin

3
4
5
6
8

Number of Home Run Conductors

003 = MIN Size I 3 Pin
006 = MIN Size I 6 Pin
008 = MIN Size II 8 Pin
010 = MIN Size III 10 Pin
V10 = Solenoid Valve Connector 10 Pin

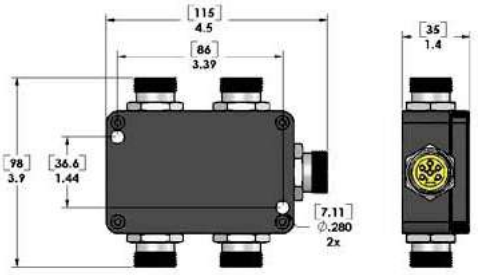
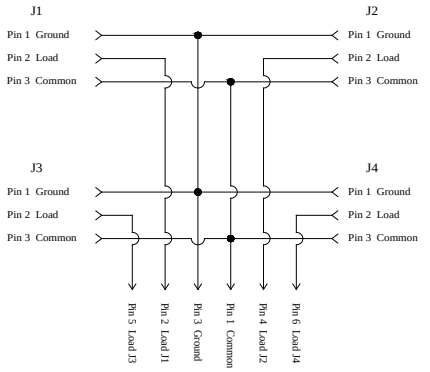
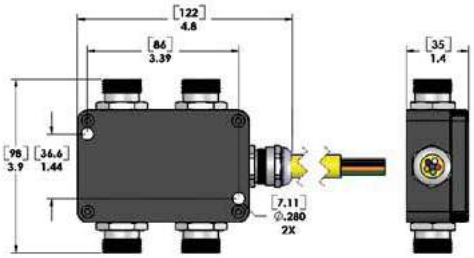
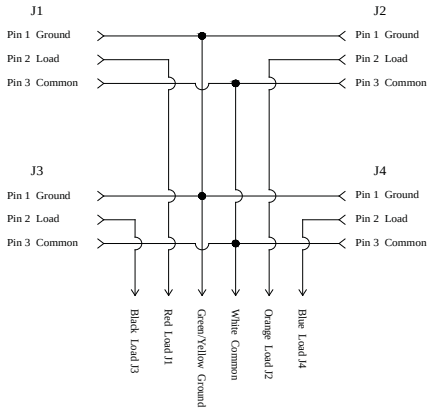
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7/8” JIN Junction Blocks

4 Port, 3 Pin JIN Junction blocks

Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 6 Pole Male Receptacle	JIN-430-006-M000	
	Yellow PVC STOOW 6 x 16 AWG 600V 13.3mm OD	JIN-430-006-C**	

Cables for JIN-430-006-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-6FP-*	Page A-25	MIN-6MFP-*	Page A-31	MIN-6FR-1	Page A-46

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-430-006-M000 becomes JINSS-430-006-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

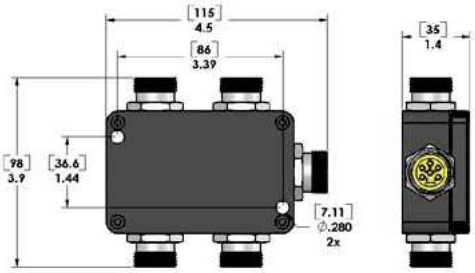
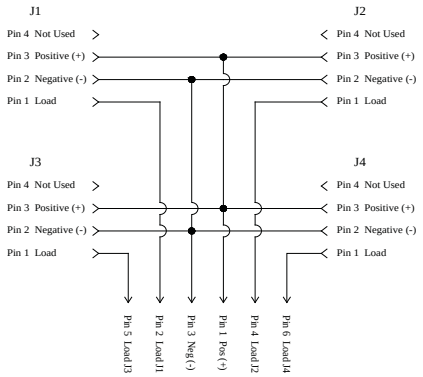
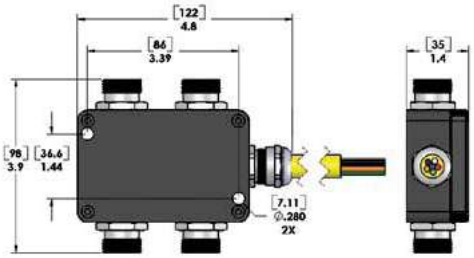
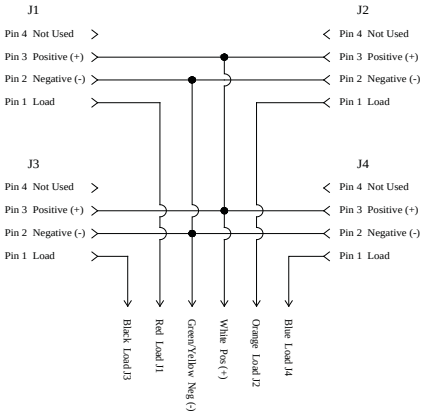
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7/8” JIN Junction Blocks

4 Port, 4 Pin/3 Wire JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 6 Pole Male Receptacle	JIN-440-006-M000	
	Yellow PVC STOOW 6 x 16 AWG 600V 13.3mm OD	JIN-440-006-C**	

Cables for JIN-440-006-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-6FP-*	Page A-25	MIN-6MFP-*	Page A-31	MIN-6FR-1	Page A-46

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-440-006-M000 becomes JINSS-430-006-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

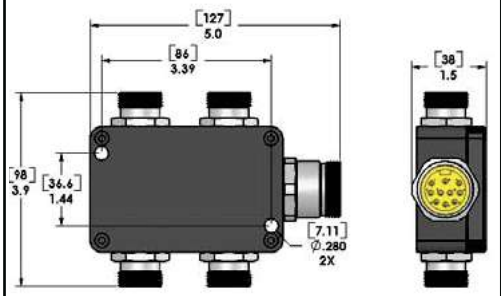
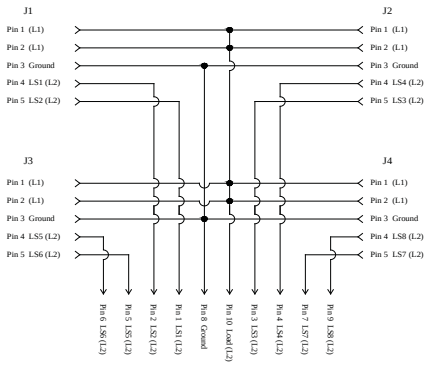
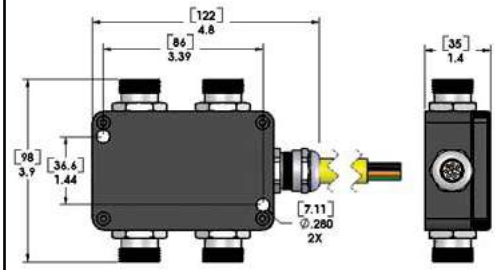
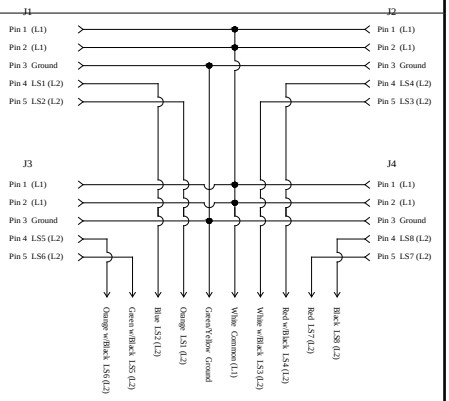
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7/8” JIN Junction Blocks

4 Port, 5 Pin JIN Junction blocks

Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 10 Pole Male Receptacle	JIN-450-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-450-010-C**	

Cables for JIN-450-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-10FPX-*	Page C-3	MIN-10MFPX-*	Page C-8	MIN-10FR-1-18	Page C-15

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-450-010-M000 becomes JINSS-450-010-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

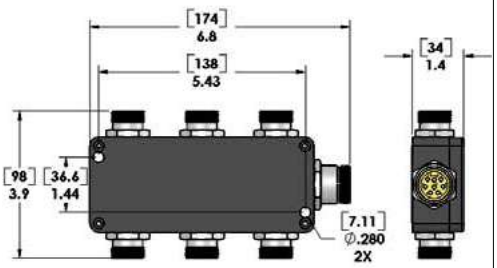
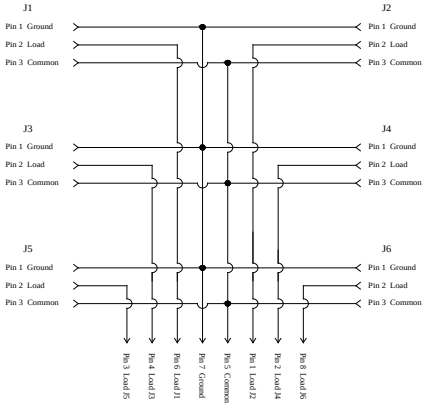
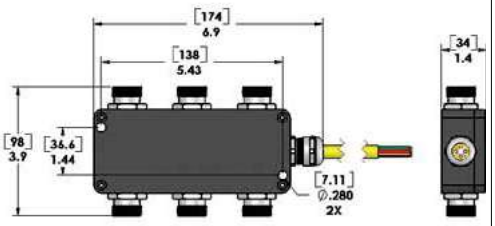
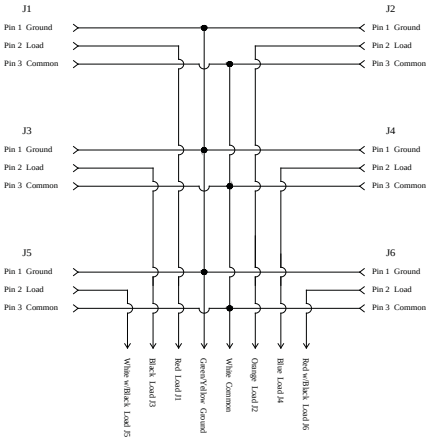
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7/8” JIN Junction Blocks

6 Port, 3 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size II 8 Pole Male Receptacle	JIN-630-008-M000	
	Yellow PVC AWM 2661 8 x 18 AWG 300V 9mm OD	JIN-630-008-C**	

Cables for JIN-630-008-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-8FPX-*	Page B-3	MIN-8MFPX-*	Page B-6	MIN-8FR2-1-18	Page B-13

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-630-008-M000 becomes JINSS-630-008-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

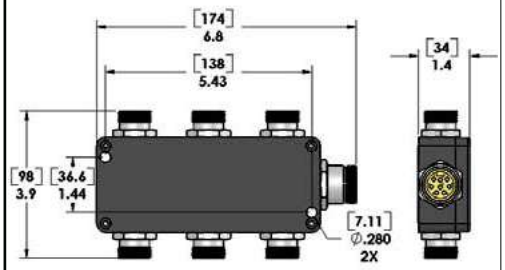
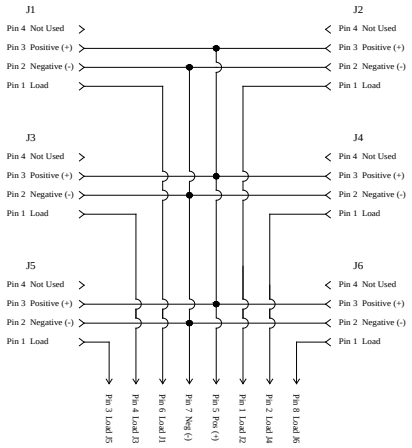
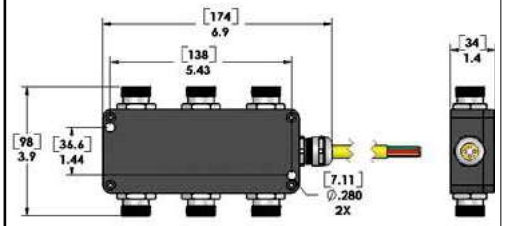
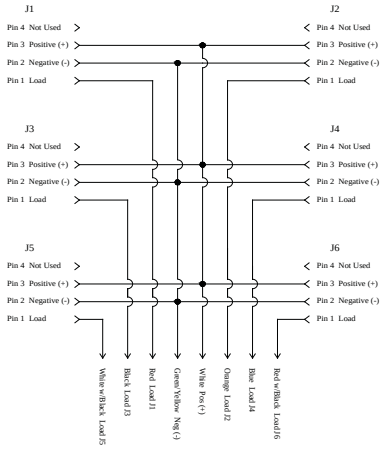
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7/8” JIN Junction Blocks

6 Port, 4 Pin/3 Wire JIN Junction blocks

Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size II 8 Pole Male Receptacle	JIN-640-008-M000	
	Yellow PVC AWM 2661 8 x 18 AWG 300V 9mm OD	JIN-640-008-C**	

Cables for JIN-640-008-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-8FPX-*	Page B-3	MIN-8MFPX-*	Page B-6	MIN-8FR2-1-18	Page B-13

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-640-008-M000 becomes JINSS-640-008-M000)

Specifications:

Housing: Black Epoxy Coated Die Cast Aluminum Alloy
Connectors: Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland: Nickel Plated Brass, Polyamide and TPE Inserts
Contacts: Copper Alloy with Gold Plating
Temperature: -30°C to +80°C (-22°F to +176°F)
Amperage: 4A per Port, 8A per Unit

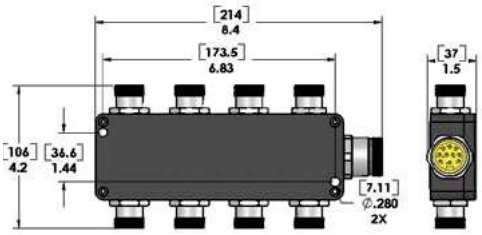
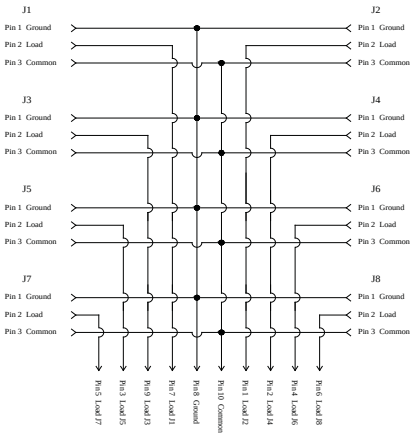
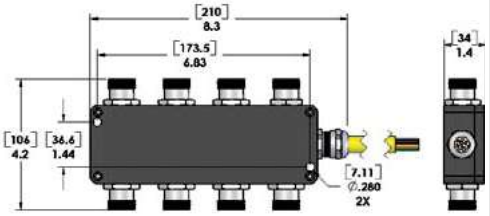
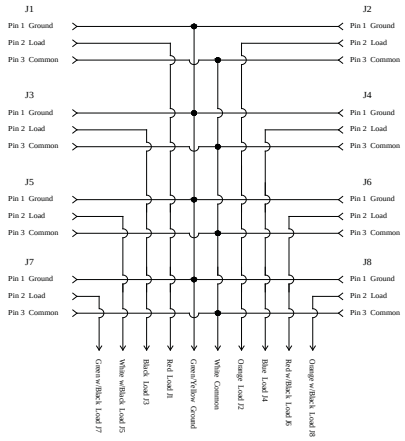
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7/8” JIN Junction Blocks

8 Port, 3 Pin JIN Junction blocks



Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-830-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-830-010-C**	

Cables for JIN-830-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-10FPX-*	Page C-3	MIN-10MFPX-*	Page C-8	MIN-10FR-1-18	Page C-15

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-830-010-M000 becomes JINSS-830-010-M000)

Specifications:

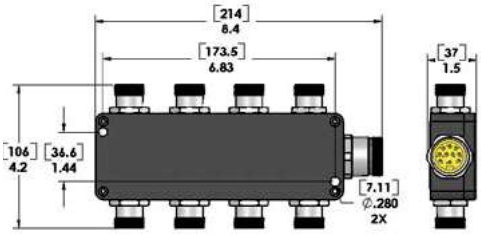
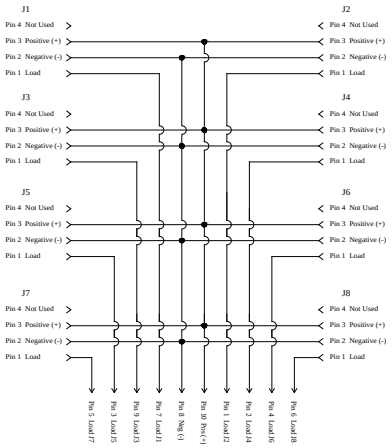
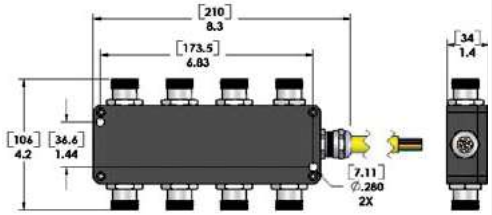
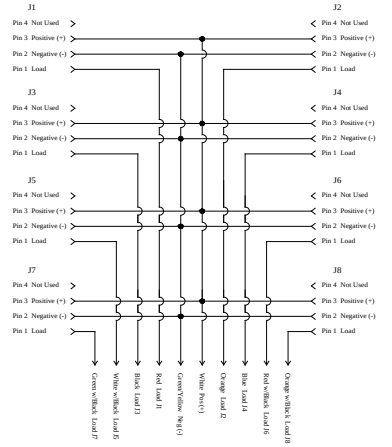
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Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit



7/8” JIN Junction Blocks

8 Port, 4 Pin/3 Wire JIN Junction blocks

Standard Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-840-010-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-840-010-C**	

Cables for JIN-840-010-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-10FPX-*	Page C-3	MIN-10MFPX-*	Page C-8	MIN-10FR-1-18	Page C-15

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-840-010-M000 becomes JINSS-840-010-M000)

Specifications:

Housing: Black Epoxy Coated Die Cast Aluminum Alloy
Connectors: Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland: Nickel Plated Brass, Polyamide and TPE Inserts
Contacts: Copper Alloy with Gold Plating
Temperature: -30°C to +80°C (-22°F to +176°F)
Amperage: 4A per Port, 8A per Unit

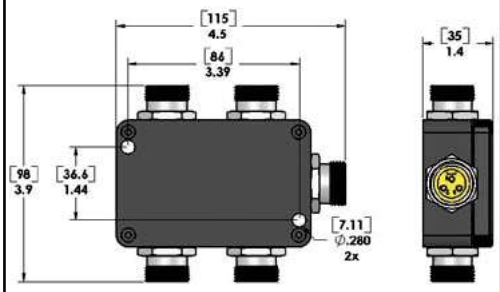
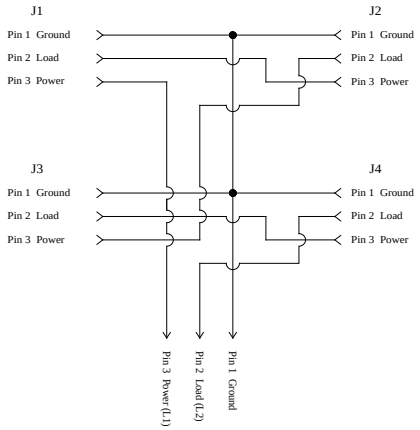
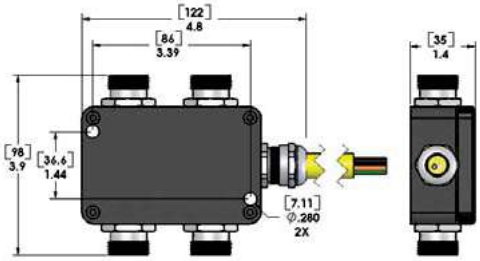
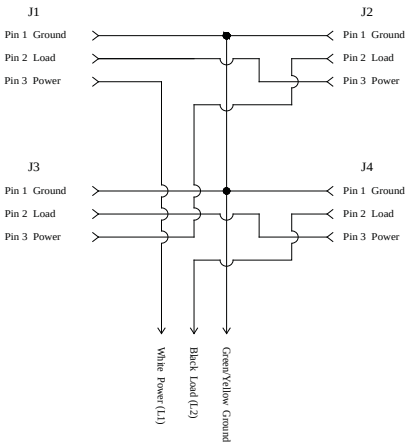
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7/8” JIN Junction Blocks

4 Port, 3 Pin JIN Junction blocks



Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-430-003-M000	
	Yellow PVC STOOW 3 x 16 AWG 600V 9.9mm OD	JIN-430-003-C**	

Cables for JIN-430-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-3FP-*	Page A-21	MIN-3MFP-*	Page A-30	MIN-3FR-1	Page A-46

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

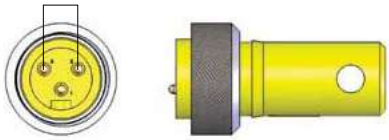
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-430-003-M000 becomes JINSS-430-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22ºF to +176ºF)
Amperage:	4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1

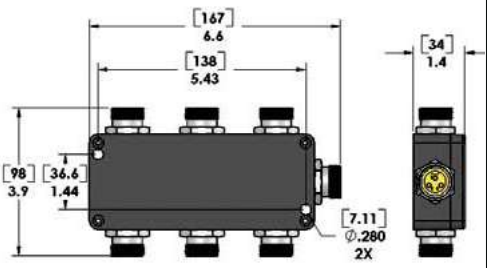
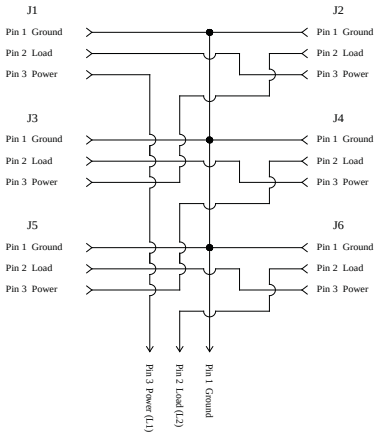
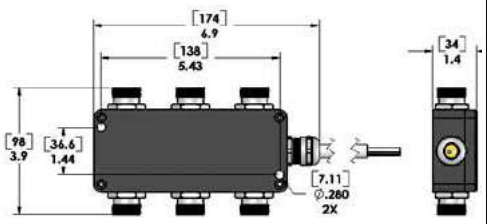
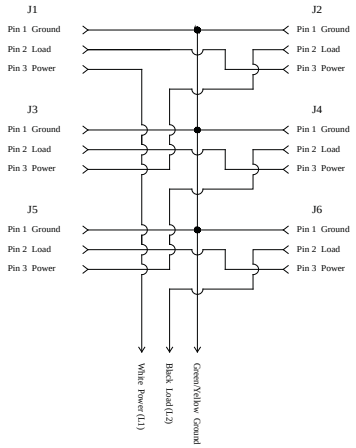
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7/8” JIN Junction Blocks

6 Port, 3 Pin JIN Junction blocks

Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-630-003-M000	
	Yellow PVC STOOW 3 x 16 AWG 600V 9.9mm OD	JIN-630-003-C**	

Cables for JIN-630-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-3FP-*	Page A-21	MIN-3MFP-*	Page A-30	MIN-3FR-1	Page A-46

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

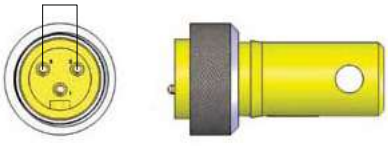
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-630-003-M000 becomes JINSS-630-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1

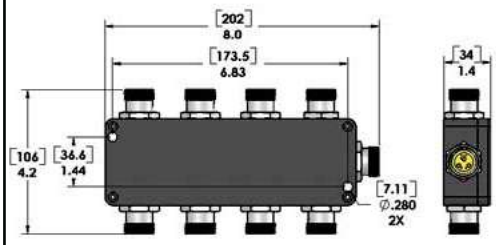
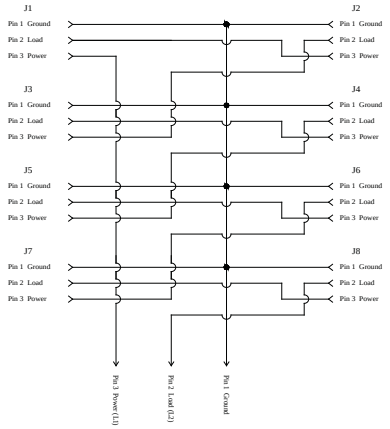
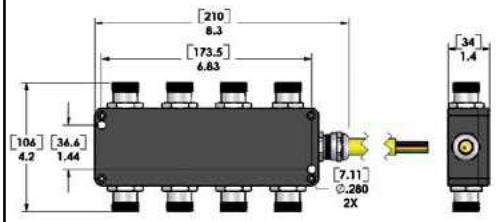
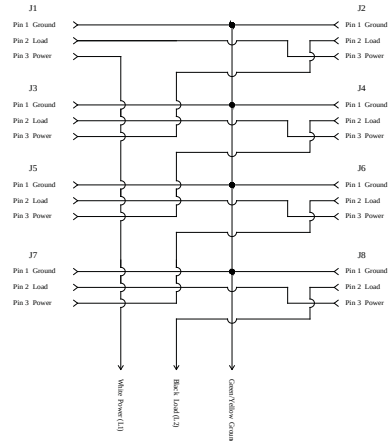
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7/8” JIN Junction Blocks

8 Port, 3 Pin JIN Junction blocks



Series Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size I 3 Pole Male Receptacle	JIN-830-003-M000	
	Yellow PVC STOOW 3 x 16 AWG 600V 9.9mm OD	JIN-830-003-C**	

Cables for JIN-830-003-M000					
Single Ended Home Run Cable		**Double Ended Home Run Cable**		**Female Receptacle**	
MIN-3FP-*	Page A-21	MIN-3MFP-*	Page A-30	MIN-3FR-1	Page A-46

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

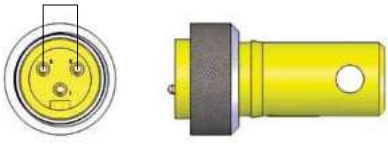
** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-830-003-M000 becomes JINSS-830-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

Internal jumper
Pin #2 to Pin #3



Jumper plug for use on unused inputs

Jumper Plug Part # MIN-3MP-DP1

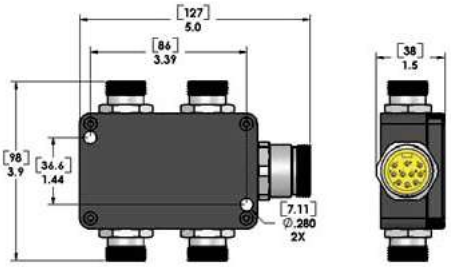
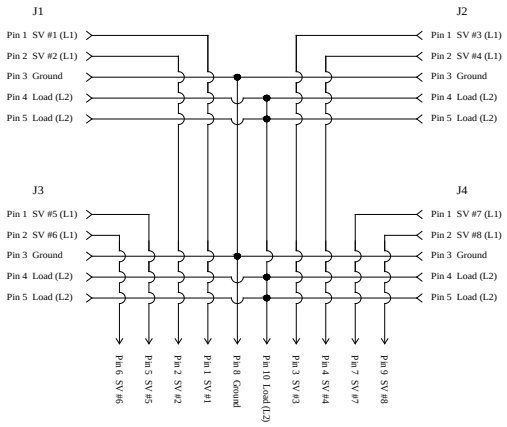
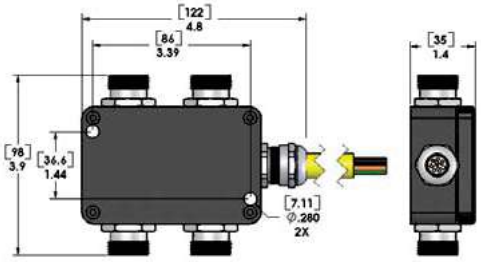
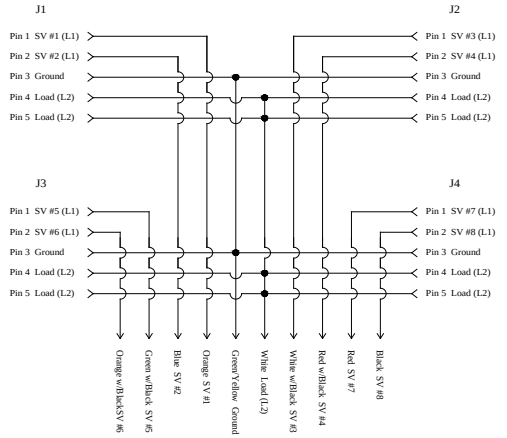
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7/8” JIN Junction Blocks

4 Port, 5 Pin JIN Junction blocks

Solenoid Valve Wiring | MIN Receptacle & Cable | IP67 Protection Rating

Trunk Style	Trunk Connection	Part Number	Circuit
	MIN Size III 10 Pole Male Receptacle	JIN-450-V10-M000	
	Yellow PVC AWM 2661 10 x 18 AWG 300V 10.2mm OD	JIN-450-V10-C**	

Cables for JIN-630-003-M000				Female Receptacle	
Single Ended Home Run Cable		Double Ended Home Run Cable			
MIN-10FPX-*	Page C-3	MIN-10MFPX-*	Page C-8	MIN-10FR-1-18	Page C-15

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

Standard housing is aluminum alloy, for stainless steel housing add a “SS” right after JIN. (e.g. JIN-630-003-M000 becomes JINSS-630-003-M000)

Specifications:

Housing:	Black Epoxy Coated Die Cast Aluminum Alloy
Connectors:	Anodized Aluminum, Oil Resistant PVC Contact Carrier
Cable Gland:	Nickel Plated Brass, Polyamide and TPE Inserts
Contacts:	Copper Alloy with Gold Plating
Temperature:	-30°C to +80°C (-22°F to +176°F)
Amperage:	4A per Port, 8A per Unit

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Notes:

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JDC (M12) Junction Blocks

JDC Junction blocks Part Number Matrix

Not all options available with all junction blocks, please consult factory.

JDC - □□□ - □□ - □□

Number of Port

4
6
8
10
12

Number of Pin

3
4
5
A = 5 Pin Straight Wired

LED Transistor Type

0 = No LED
P = PNP
N = NPN

Voltage

0 = 120V
2 = 240V

Number of Home Run Conductors

06
07
08
09
10
11
12
13
16
17
19
24
25
28
37

Length in Meters

000 = Field Wireable or Receptacle
003 = 0.3M
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Trunk Connection Type

M = MIN Connector
F = Field Wireable
C = Cable
D = D-SUB
V = M23 Connector
E = MDC (M12) Connectors

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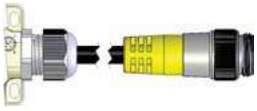
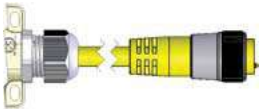


JDC (M12) Junction Blocks

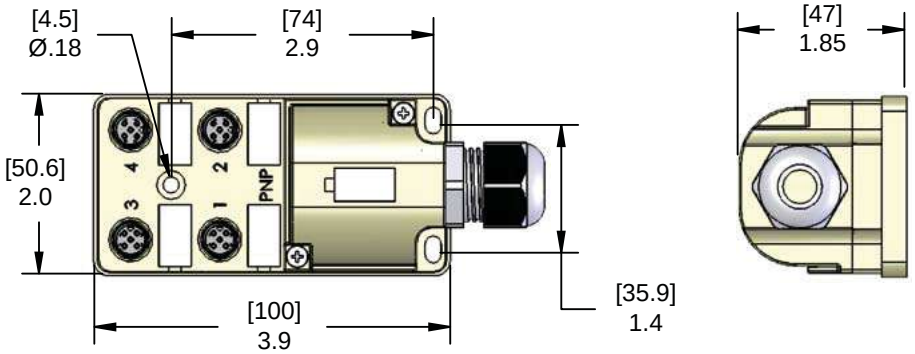
4 Port, 3 Pin JDC Junction blocks

MIN Receptacles | MIN Plug | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Yellow PVC SJTOOW 6 x 18 AWG 9.9mm OD	JDC-430-006-C**	JDC-43P-006-C**	JDC-43N-006-C**
	N/A	MIN Size I 6 Pole Male Receptacle	JDC-430-006-M000	JDC-43P-206-M000	JDC-43N-206-M000
	N/A	MIN Size I 6 Pole Male Plug with Male Thread	JDC-430-006-M003	JDC-43P-206-M003	JDC-43N-206-M003
	N/A	MIN Size I 6 Pole Male Plug	JDC-430-006-M**	JDC-43P-206-M**	JDC-43N-206-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

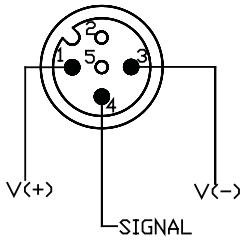
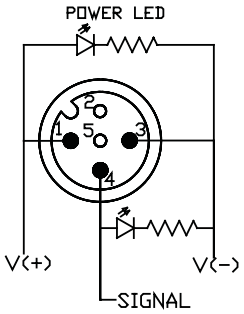
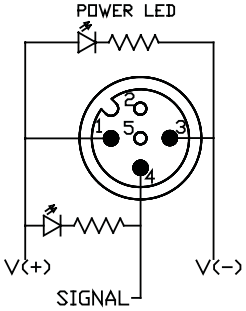
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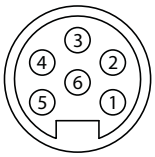
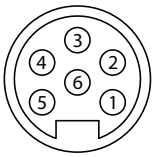
JDC (M12) Junction Blocks

4 Port, 3 Pin JDC Junction blocks



Min Receptacles | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-6MR Receptacles Version	MIN-6MP Plug Version
Male Faceview	 7/8"-16UN2	 7/8"-16UN2
+ V	PIN #6	PIN #6
- V	PIN #3	PIN #3
PORT 1 PIN 4	PIN #2	PIN #2
PORT 2 PIN 4	PIN #1	PIN #1
PORT 3 PIN 4	PIN #5	PIN #5
PORT 4 PIN 4	PIN #4	PIN #4
Mating Plug for Receptacle or Plug	MIN-6FP-*	MIN-6FP-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

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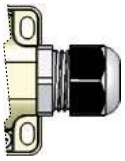
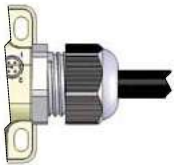
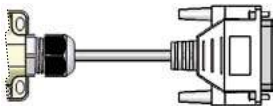
JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks

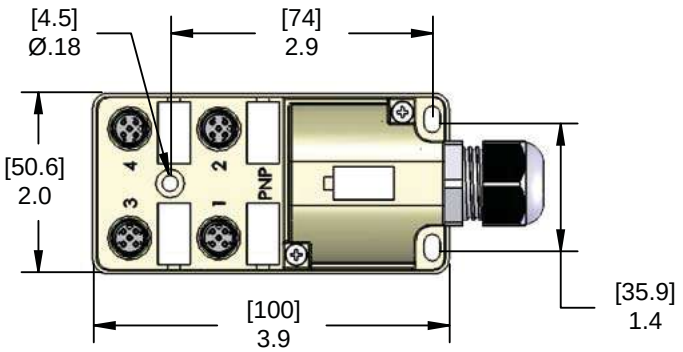
Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-440-007-F000	JDC-44P-207-F000	JDC-44N-207-F000
	UL Listed	Black PUR AWM With With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.1mm OD	JDC-440-007-C**	JDC-44P-207-C**	JDC-44N-207-C**
	N/A	Gray PVC With With Foil Shield 20 AWG Drain Wire 5 x 24 AWG 4 x 20 AWG	JDC-440-009-D**	JDC-44P-209-D**	JDC-44N-209-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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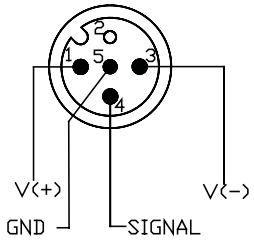
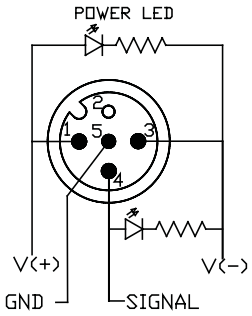
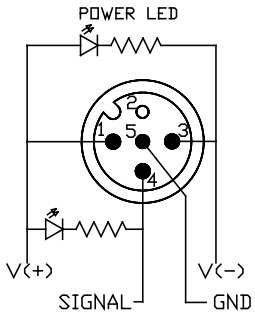
JDC (M12) Junction Blocks

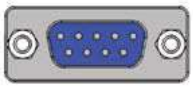
4 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	9 PIN MALE D-SUB
	Cable O.D. 0.34"	
+ V	Brown	PIN #6 & #7
- V	Blue	PIN #8 & #9
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN # 1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4

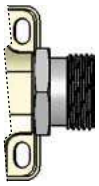
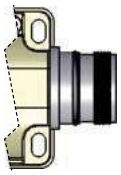
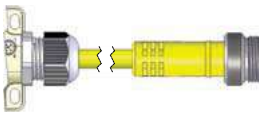
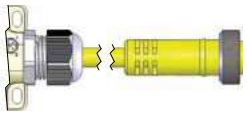


JDC (M12) Junction Blocks

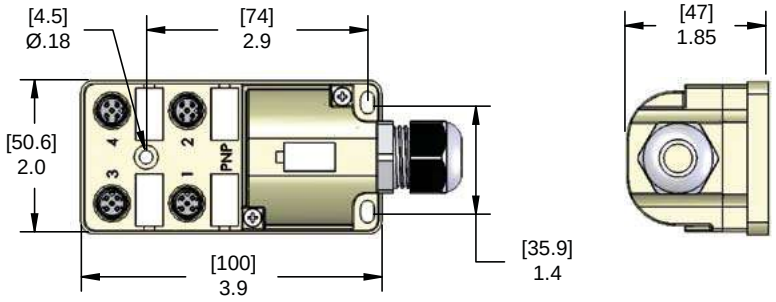
4 Port, 4 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size II 7 Pole Male Receptacle	JDC-440-007-M000	JDC-44P-207-M000	JDC-44N-207-M000
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-440-012-M000	JDC-44P-212-M000	JDC-44N-212-M000
	N/A	M23 12 Pole Male Receptacle	JDC-440-012-V000	JDC-44P-212-V000	JDC-44N-212-V000
	N/A	MIN Size II 7 Pole Male Plug with Male Thread	JDC-440-007-M003	JDC-44P-207-M003	JDC-44N-207-M003
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-440-012-M003	JDC-44P-212-M003	JDC-44N-212-M003
	N/A	MIN Size III 7 Pole Male Plug	JDC-440-007-M**	JDC-44P-207-M**	JDC-44N-207-M**
	N/A	MIN Size III 12 Pole Male Plug	JDC-440-012-M**	JDC-44P-212-M**	JDC-44N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

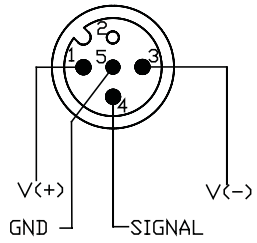
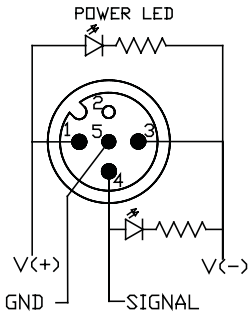
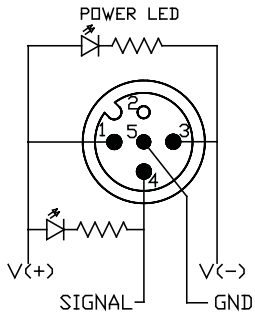
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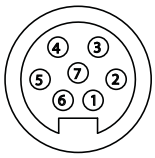
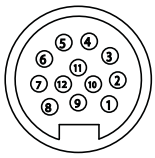
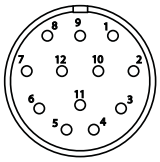
JDC (M12) Junction Blocks

4 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-7 Receptacles & Plug Version	MIN-12 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1"-16UN2	 1.125"-16UN2	 M23 x 1
+ V	PIN #6	PIN #10	PIN #11
- V	PIN #3	PIN #11	PIN #10 & #9
Ground	PIN #7	PIN #9	PIN #12
PORT 1 PIN 4	PIN #2	PIN #1	PIN #1
PORT 2 PIN 4	PIN #1	PIN #2	PIN #2
PORT 3 PIN 4	PIN #5	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4	PIN #4
Mating Plug for Receptacle or Plug	MIN-7FPX-*	MIN-12FP-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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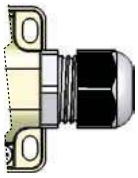
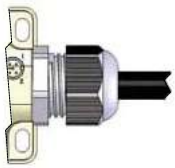
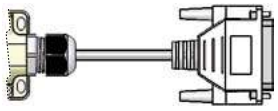


JDC (M12) Junction Blocks

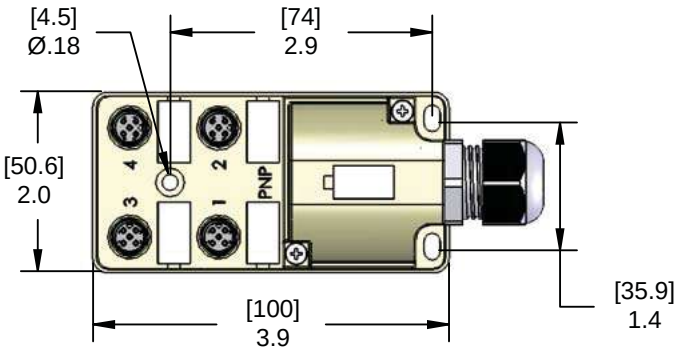
4 Port, 5 Pin JDC Junction blocks

Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-450-011-F000	JDC-45P-211-F000	JDC-45N-211-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.6mm OD	JDC-450-011-C**	JDC-45P-211-C**	JDC-45N-211-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-450-025-D**	JDC-45P-225-D**	JDC-45N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	PBT
		O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

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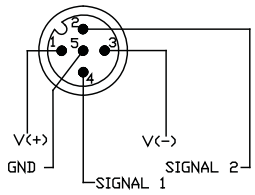
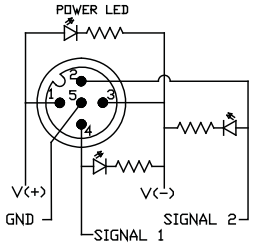
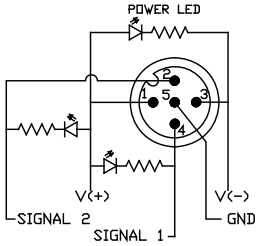
JDC (M12) Junction Blocks

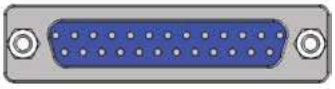
4 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.34”	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Pink	PIN # 1
PORT 1 PIN 4	White	PIN #2
PORT 2 PIN 2	Red	PIN #3
PORT 2 PIN 4	Green	PIN #4
PORT 3 PIN 2	Black	PIN #5
PORT 3 PIN 4	Yellow	PIN #6
PORT 4 PIN 2	Violet	PIN #7
PORT 4 PIN 4	Gray	PIN #8

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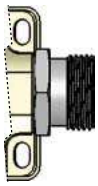
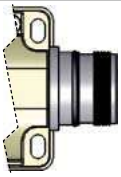


JDC (M12) Junction Blocks

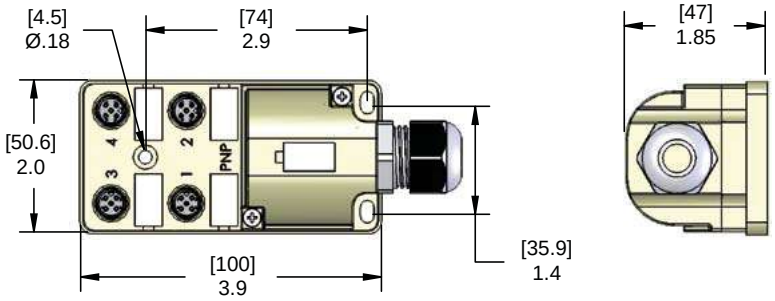
4 Port, 5 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-450-012-M000	JDC-45P-212-M000	JDC-45N-212-M000
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-450-019-M000	JDC-45P-219-M000	JDC-45N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-450-019-V000	JDC-45P-219-V000	JDC-45N-219-V000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-450-012-M003	JDC-45P-212-M003	JDC-45N-212-M003
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-450-019-M003	JDC-45P-219-M003	JDC-45N-219-M003
	N/A	MIN Size III 12 Pole Male Plug	JDC-450-012-M**	JDC-45P-212-M**	JDC-45N-212-M**
	N/A	MIN Size III 19 Pole Male Plug	JDC-450-019-M**	JDC-45P-219-M**	JDC-45N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

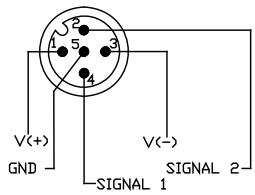
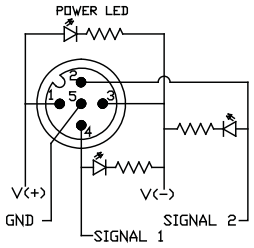
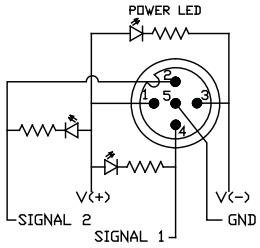
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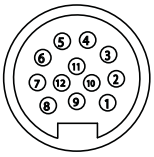
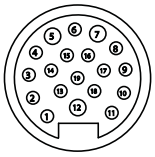
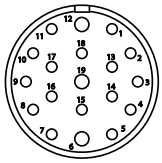
JDC (M12) Junction Blocks

4 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-12 Receptacles & Plug Version	MIN-19 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 1.125"-16UN2	 M23 x 1
+ V	PIN #10	PIN #7	PIN #19
- V	PIN #11	PIN #5	PIN #6
Ground	PIN #9	PIN #12	PIN #12
PORT 1 PIN 2	PIN #5	PIN #19	PIN #7
PORT 1 PIN 4	PIN #1	PIN #15	PIN #15
PORT 2 PIN 2	PIN #6	PIN #4	PIN #4
PORT 2 PIN 4	PIN #2	PIN #6	PIN #5
PORT 3 PIN 2	PIN #7	PIN #8	PIN #8
PORT 3 PIN 4	PIN #3	PIN #16	PIN #16
PORT 4 PIN 2	PIN #8	PIN #14	PIN #14
PORT 4 PIN 4	PIN #4	PIN #3	PIN #3

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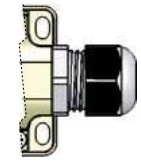


JDC (M12) Junction Blocks

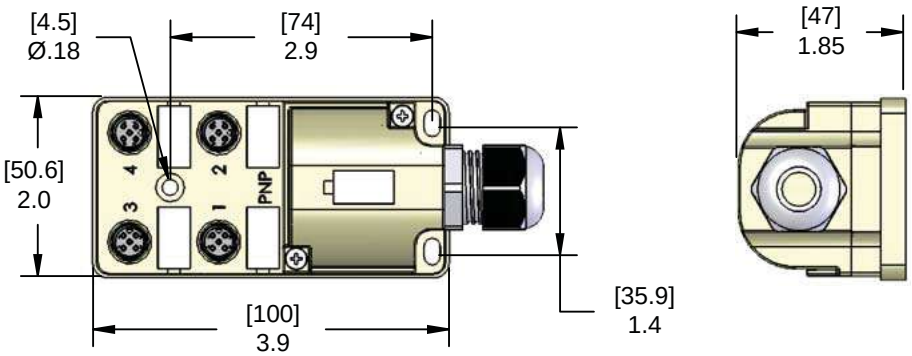
4 Port, 5 Pin JDC Junction blocks

Straight Wired | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-4A0-017-F000
	UL Listed	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 10.9mm OD	JDC-4A0-017-C**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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JDC (M12) Junction Blocks

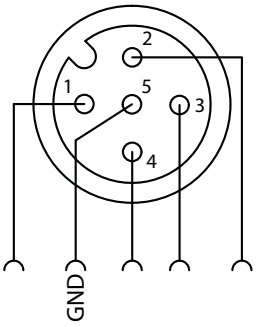
4 Port, 5 Pin JDC Junction blocks



Straight Wired | IP67 Protection Rating

c UL us LISTED

Function	Cable Version	Circuit
	Cable O.D. 0.43”	
ALL PORTS PIN 5	Green/Yellow	
PORT 1 PIN 1	Gray/Pink	
PORT 1 PIN 2	Pink	
PORT 1 PIN 3	Red/Blue	
PORT 1 PIN 4	White	
PORT 2 PIN 1	Brown/Green	
PORT 2 PIN 2	Red	
PORT 2 PIN 3	White/Green	
PORT 2 PIN 4	Green	
PORT 3 PIN 1	Yellow/Brown	
PORT 3 PIN 2	Black	
PORT 3 PIN 3	White/Yellow	
PORT 3 PIN 4	Yellow	
PORT 4 PIN 1	Gray/Brown	
PORT 4 PIN 2	Violet	
PORT 4 PIN 3	White/Gray	
PORT 4 PIN 4	Gray	



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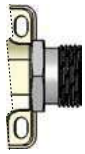
JDC (M12) Junction Blocks

6 Port, 3 Pin JDC Junction blocks

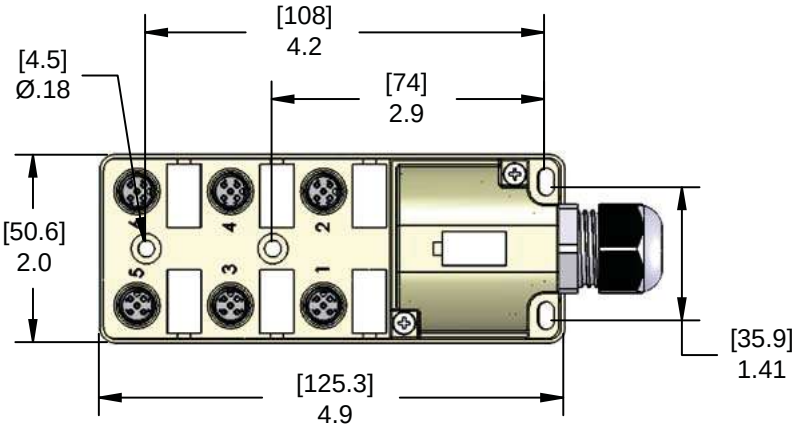
MIN Receptacle | MIN Plug | IP67 Protection Rating





Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size II 8 Pole Male Receptacle	JDC-630-008-M000	JDC-63P-008-M000	JDC-63N-008-M000
	N/A	MIN Size II 8 Pole Male Plug with Male Thread	JDC-630-008-M003	JDC-63P-208-M003	JDC-63N-208-M003
	N/A	MIN Size II 8 Pole Male Plug	JDC-630-008-M**	JDC-63P-208-M**	JDC-63N-208-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

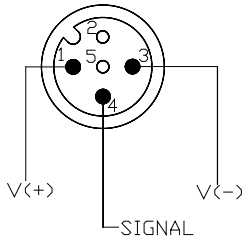
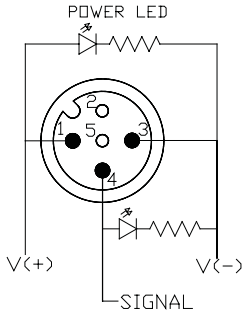
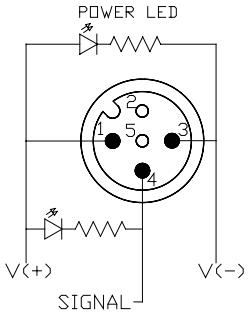
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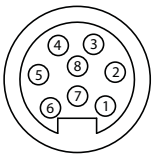
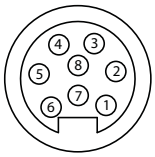
JDC (M12) Junction Blocks

6 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-8MR Receptacles Version	MIN-8MP Plug Version
Male Faceview	 1"-16UN2	 1"-16UN2
+ V	PIN #8	PIN #8
- V	PIN #7	PIN #7
PORT 1 PIN 4	PIN #6	PIN #6
PORT 2 PIN 4	PIN #5	PIN #5
PORT 3 PIN 4	PIN #4	PIN #4
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #2	PIN #2
PORT 6 PIN 4	PIN #1	PIN #1
Mating Plug for Receptacle or Plug	MIN-8FPX-*	MIN-8FP-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

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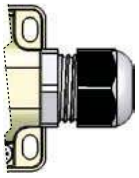
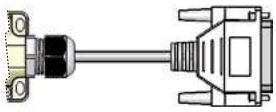


JDC (M12) Junction Blocks

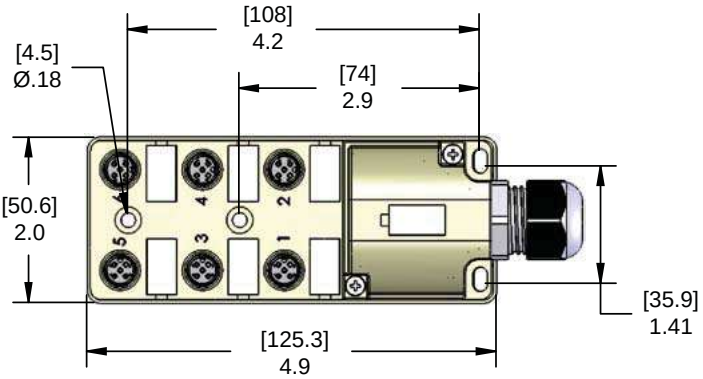
6 Port, 4 Pin JDC Junction blocks

Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-640-009-F000	JDC-64P-209-F000	JDC-64N-209-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 6 x 22 AWG 7.9mm OD	JDC-640-009-C**	JDC-64P-209-C**	JDC-64N-209-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 5 x 24 AWG 4 x 20 AWG	JDC-640-009-D**	JDC-64P-209-D**	JDC-64N-209-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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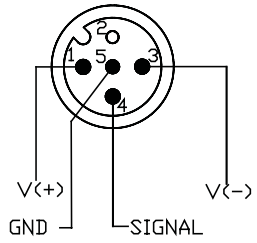
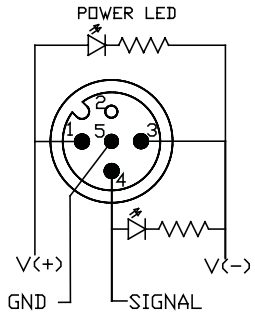
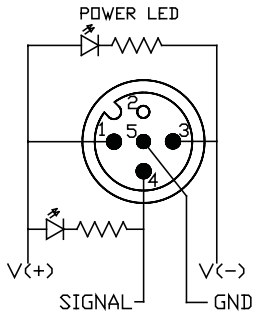
JDC (M12) Junction Blocks

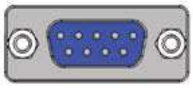
6 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	9 PIN MALE D-SUB
	Cable O.D. 0.35"	
+ V	Brown	PIN #7 & #8
- V	Blue	PIN #9
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN # 1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6

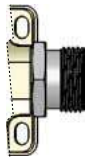
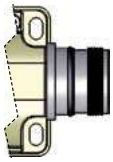


JDC (M12) Junction Blocks

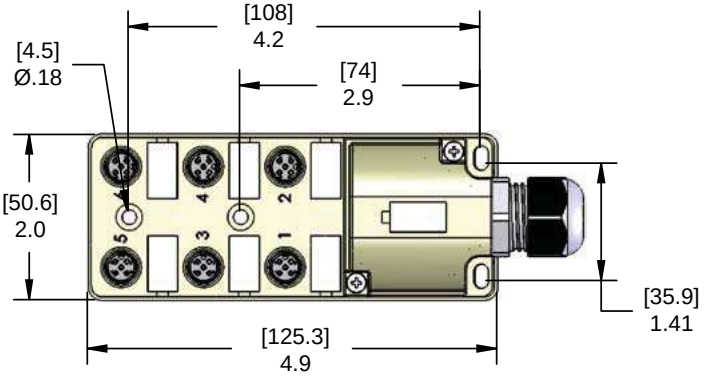
6 Port, 4 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 9 Pole Male Receptacle	JDC-640-009-M000	JDC-64P-209-M000	JDC-64N-209-M000
	N/A	M23 12 Pole Male Receptacle	JDC-640-012-V000	JDC-64P-212-V000	JDC-64N-212-V000
	N/A	MIN Size III 9 Pole Male Plug with Male Thread	JDC-640-009-M003	JDC-64P-209-M003	JDC-64N-209-M003
	N/A	MIN Size III 9 Pole Male Plug	JDC-640-009-M**	JDC-64P-209-M**	JDC-64N-209-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

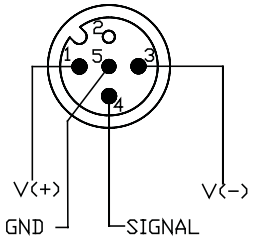
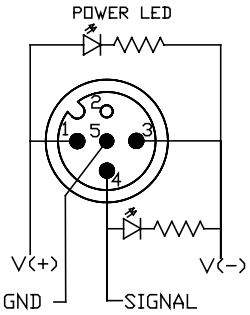
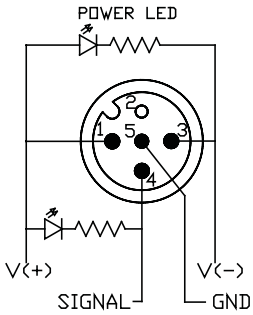
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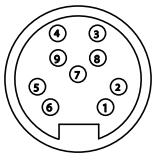
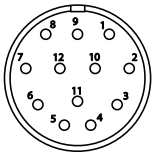
JDC (M12) Junction Blocks

6 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-9 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125”-16UN2	 1.125”-16UN2
+ V	PIN #8	PIN #11
- V	PIN #9	PIN #9 & #10
Ground	PIN #7	PIN #12
PORT 1 PIN 4	PIN #1	PIN #1
PORT 2 PIN 4	PIN #2	PIN #2
PORT 3 PIN 4	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4
PORT 5 PIN 4	PIN #5	PIN #5
PORT 6 PIN 4	PIN #6	PIN #6
Mating Plug for Receptacle or Plug	MIN-9FPX-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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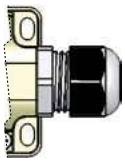
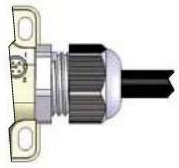
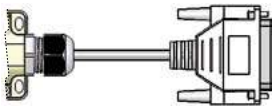


JDC (M12) Junction Blocks

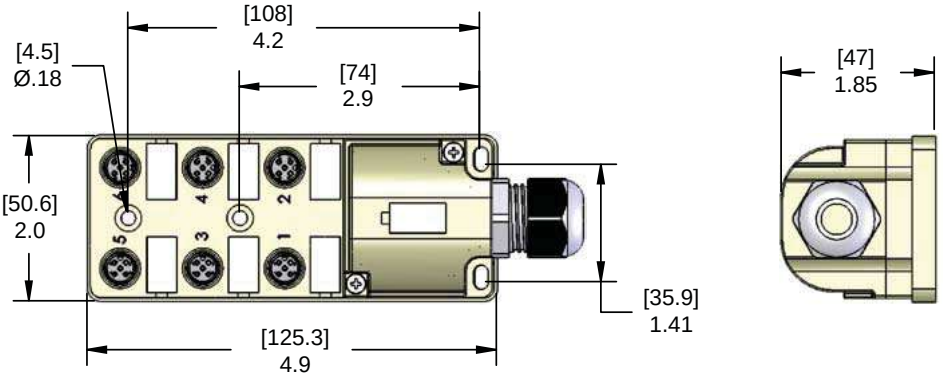
6 Port, 5 Pin JDC Junction blocks

Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-650-015-F000	JDC-65P-215-F000	JDC-65N-215-F000
	UL Listed	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 12 x 22 AWG 9.4mm OD	JDC-650-015-C**	JDC-65P-215-C**	JDC-65N-215-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-650-025-D**	JDC-65P-225-D**	JDC-65N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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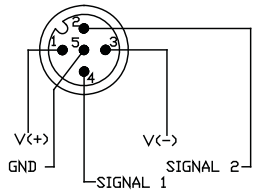
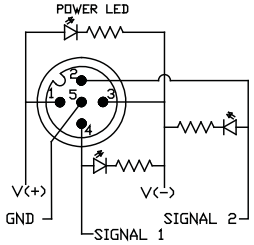
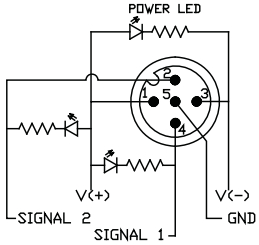
JDC (M12) Junction Blocks

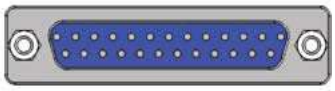
6 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.40"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11

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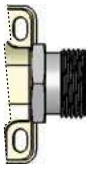
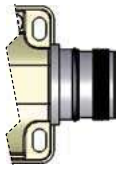


JDC (M12) Junction Blocks

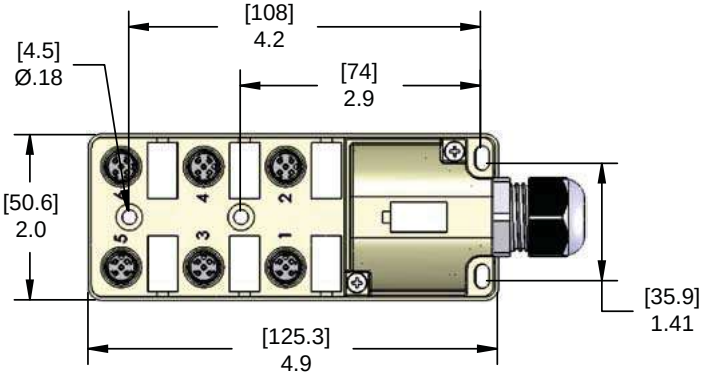
6 Port, 5 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-650-019-M000	JDC-65P-219-M000	JDC-65N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-650-019-V000	JDC-65P-219-V000	JDC-65N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-650-019-M003	JDC-65P-219-M003	JDC-65N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-650-019-M**	JDC-65P-219-M**	JDC-65N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

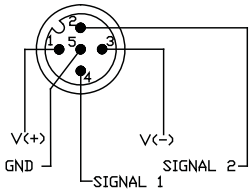
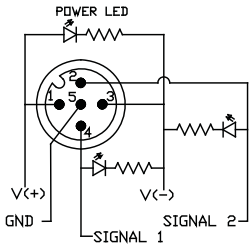
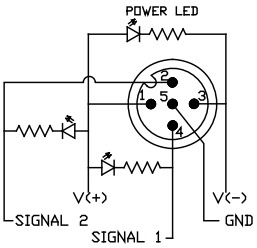
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

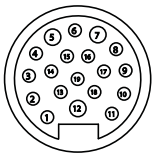
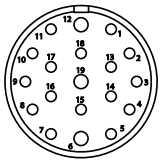
JDC (M12) Junction Blocks

6 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 M23 x 1	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 2	PIN #19	PIN #7
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 2	PIN #4	PIN #4
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 2	PIN #8	PIN #8
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 2	PIN #14	PIN #14
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 2	PIN #8	PIN #8
PORT 5 PIN 4	PIN #16	PIN #16
PORT 6 PIN 2	PIN #14	PIN #14
PORT 6 PIN 4	PIN #3	PIN #3
Mating Plug for Receptacle or Plug	MINP-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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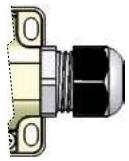
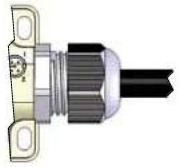


JDC (M12) Junction Blocks

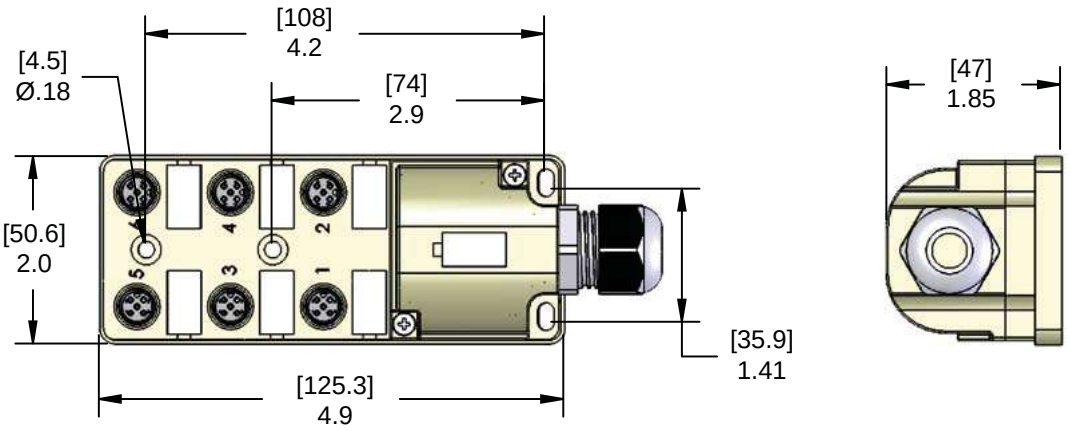
6 Port, 5 Pin JDC Junction blocks

Straight Wired | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-6A0-025-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-6A0-025-C**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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JDC (M12) Junction Blocks

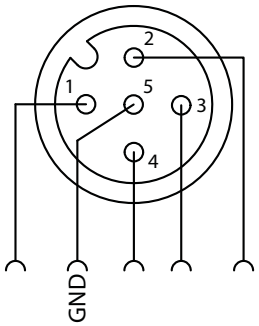
6 Port, 5 Pin JDC Junction blocks



Straight Wired | IP67 Protection Rating

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Function	Cable Version	Circuit
	Cable O.D. 0.50”	
ALL PORTS PIN 5	Green/Yellow	
PORT 1 PIN 1	Brown/Black	
PORT 1 PIN 2	White/Blue	
PORT 1 PIN 3	White/Black	
PORT 1 PIN 4	White	
PORT 2 PIN 1	Brown/Green	
PORT 2 PIN 2	White/Green	
PORT 2 PIN 3	Brown/Blue	
PORT 2 PIN 4	Green	
PORT 3 PIN 1	Yellow/Brown	
PORT 3 PIN 2	White/Yellow	
PORT 3 PIN 3	Black	
PORT 3 PIN 4	Yellow	
PORT 4 PIN 1	Gray/Brown	
PORT 4 PIN 2	Violet	
PORT 4 PIN 3	Gray/Pink	
PORT 4 PIN 4	Gray	
PORT 5 PIN 1	Pink/Brown	
PORT 5 PIN 2	White/Pink	
PORT 5 PIN 3	Violet	
PORT 5 PIN 4	Pink	
PORT 6 PIN 1	Brown/Red	
PORT 6 PIN 2	White/Red	
PORT 6 PIN 3	Red/Blue	
PORT 6 PIN 4	Red	



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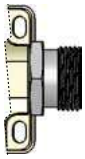


JDC (M12) Junction Blocks

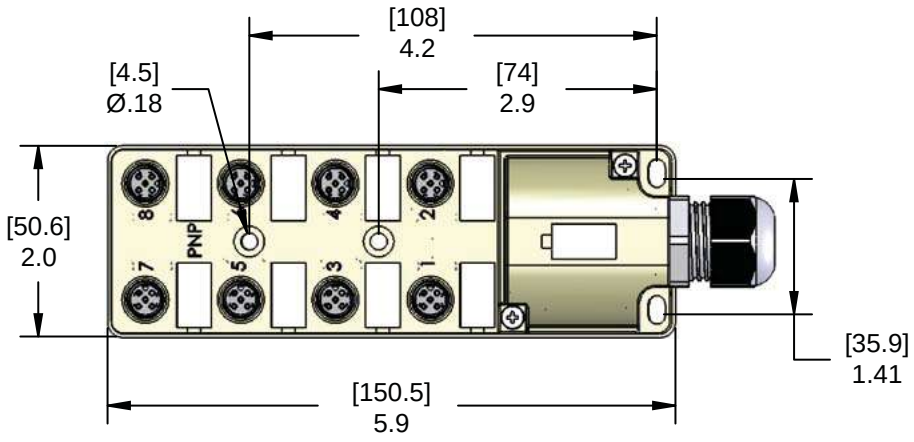
8 Port, 3 Pin JDC Junction blocks

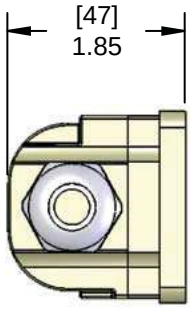
MIN Receptacle | MIN Plug | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 10 Pole Male Receptacle	JDC-830-010-M000	JDC-83P-210-M000	JDC-83N-210-M000
	N/A	MIN Size III 10 Pole Male Plug with Male Thread	JDC-830-010-M003	JDC-83P-210-M003	JDC-83N-210-M003
	N/A	MIN Size III 10 Pole Male Plug	JDC-830-010-M**	JDC-83P-210-M**	JDC-83N-210-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.





Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

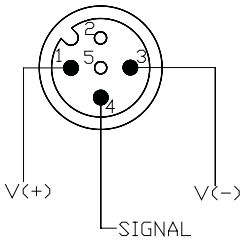
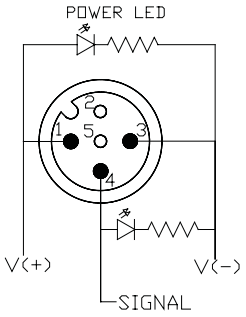
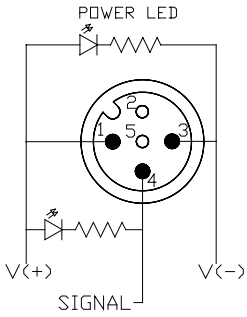
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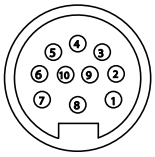
JDC (M12) Junction Blocks

8 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-10 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2
+ V	PIN #10
- V	PIN #8
PORT 1 PIN 4	PIN #7
PORT 2 PIN 4	PIN #6
PORT 3 PIN 4	PIN #5
PORT 4 PIN 4	PIN #4
PORT 5 PIN 4	PIN #3
PORT 6 PIN 4	PIN #2
PORT 7 PIN 4	PIN #1
PORT 8 PIN 4	PIN #9
Mating Plug for Receptacle or Plug	MIN-10FPX-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

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JDC (M12) Junction Blocks

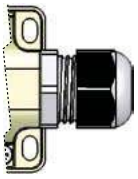
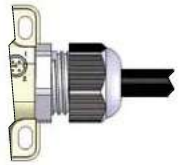
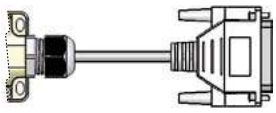
8 Port, 4 Pin JDC Junction blocks

Field Wireable | Cable | D-Sub | IP67 Protection Rating

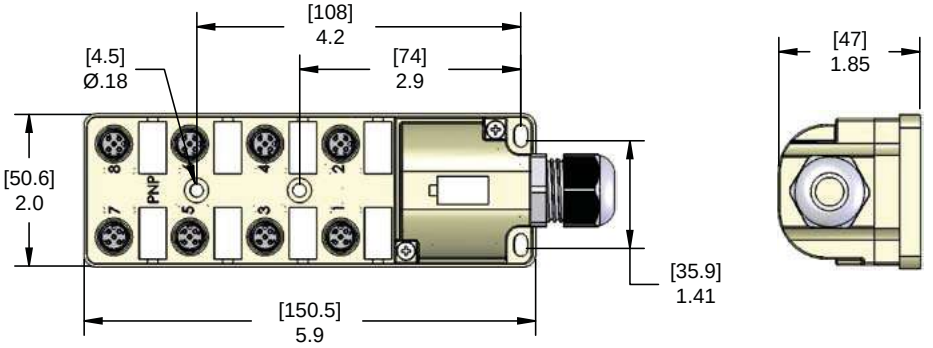
c UL us LISTED





Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-840-011-F000	JDC-84P-211-F000	JDC-84N-211-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 8 x 22 AWG 8.6mm OD	JDC-840-011-C**	JDC-84P-211-C**	JDC-84N-211-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-840-025-D**	JDC-84P-225-D**	JDC-84N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

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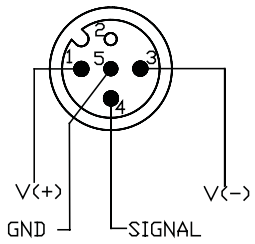
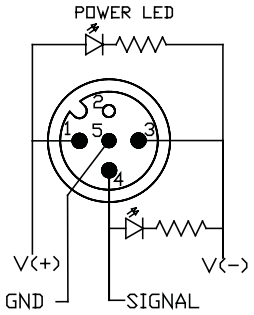
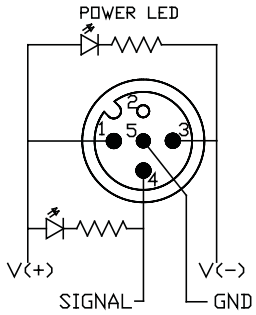
JDC (M12) Junction Blocks

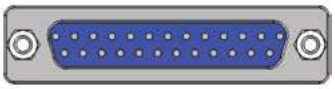
8 Port, 4 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.35”	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8

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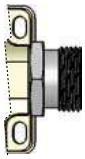
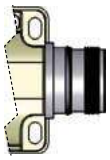


JDC (M12) Junction Blocks

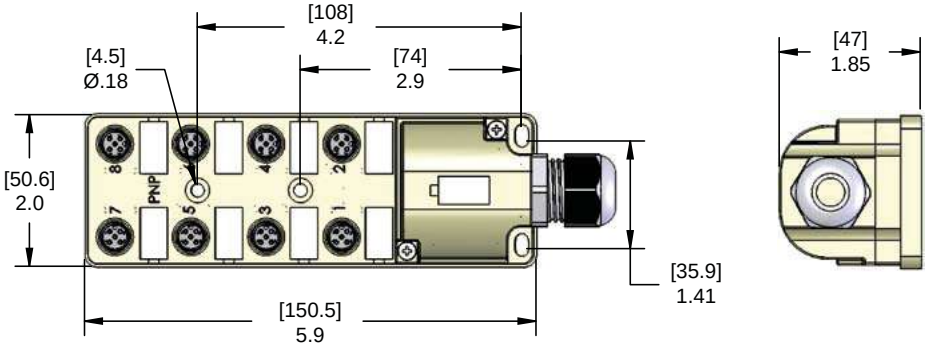
8 Port, 4 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-840-012-M000	JDC-84P-212-M000	JDC-84N-212-M000
	N/A	M23 12 Pole Male Receptacle	JDC-840-012-V000	JDC-84P-212-V000	JDC-84N-212-V000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-840-012-M003	JDC-84P-212-M003	JDC-84N-212-M003
	N/A	MIN Size III 12 Pole Male Plug	JDC-840-012-M**	JDC-84P-212-M**	JDC-84N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

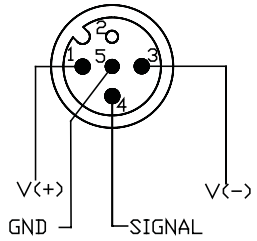
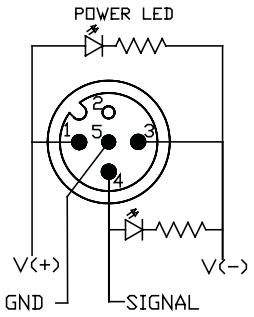
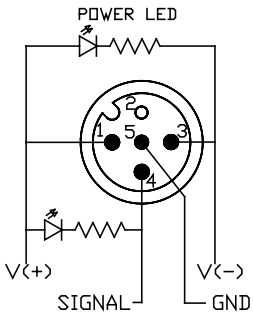
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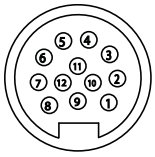
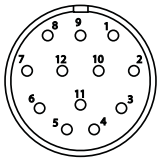
JDC (M12) Junction Blocks

8 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-12 Receptacles & Plug Version	12 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #10	PIN #11
- V	PIN #11	PIN #9 & PIN #10
Ground	PIN #9	PIN #12
PORT 1 PIN 4	PIN #1	PIN #1
PORT 2 PIN 4	PIN #2	PIN #2
PORT 3 PIN 4	PIN #3	PIN #3
PORT 4 PIN 4	PIN #4	PIN #4
PORT 5 PIN 4	PIN #5	PIN #5
PORT 6 PIN 4	PIN #6	PIN #6
PORT 7 PIN 4	PIN #7	PIN #7
PORT 8 PIN 4	PIN #8	PIN #8
Mating Plug for Receptacle or Plug	MINP-12FPX-*	MCV-12FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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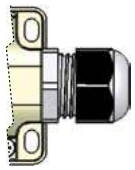
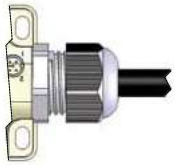
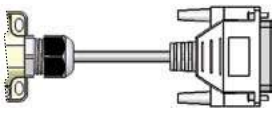


JDC (M12) Junction Blocks

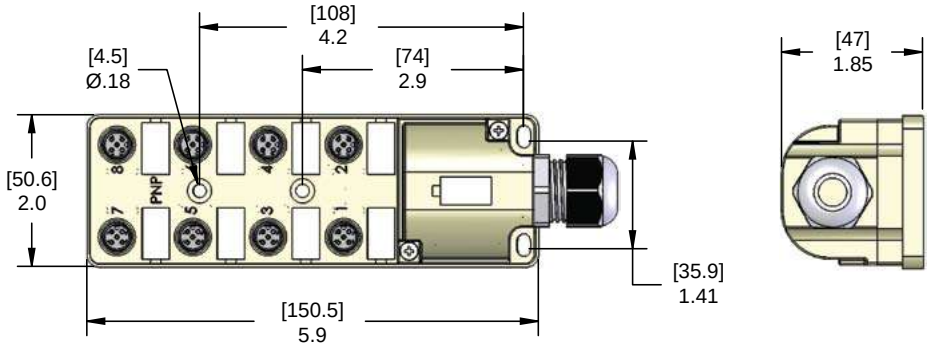
8 Port, 5 Pin JDC Junction blocks

Field Wireable | Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	UL Listed	Field Wireable 24 AWG - 16 AWG	JDC-850-019-F000	JDC-85P-219-F000	JDC-85N-219-F000
	UL Listed	Black PUR AWM With Foil Shield 24 AWG Drain Wire 3 x 18 AWG 16 x 22 AWG 10.9mm OD	JDC-850-019-C**	JDC-85P-219-C**	JDC-85N-219-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-850-025-D**	JDC-85P-225-D**	JDC-85N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	PBT	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

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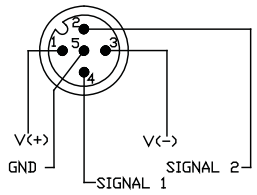
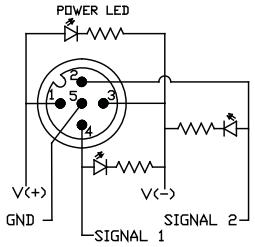
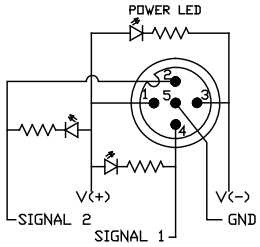
JDC (M12) Junction Blocks

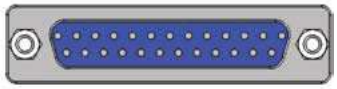
8 Port, 5 Pin JDC Junction blocks



Field Wireable | Cable | D-Sub | IP67 Protection Rating

c UL us LISTED

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.43"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15

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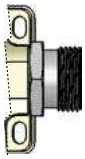
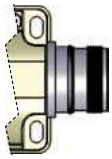


JDC (M12) Junction Blocks

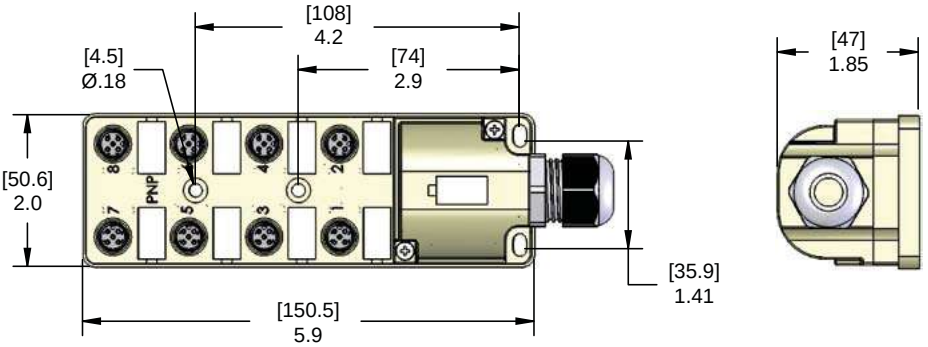
8 Port, 5 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-850-019-M000	JDC-85P-219-M000	JDC-85N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-850-019-V000	JDC-85P-219-V000	JDC-85N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-850-019-M003	JDC-85P-219-M003	JDC-85N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-850-019-M**	JDC-85P-219-M**	JDC-85N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

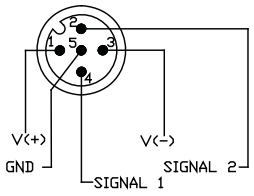
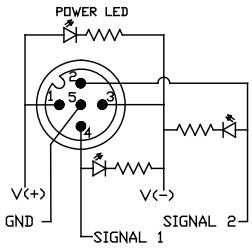
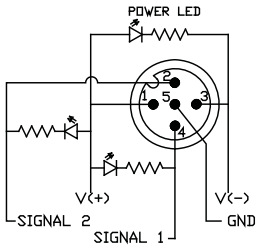
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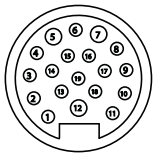
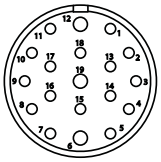
JDC (M12) Junction Blocks

8 Port, 5 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 2	PIN #19	PIN #7
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 2	PIN #4	PIN #4
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 2	PIN #8	PIN #8
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 2	PIN #14	PIN #14
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 2	PIN #9	PIN #9
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 2	PIN #13	PIN #13
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 2	PIN #10	PIN #10
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 2	PIN #18	PIN #18
PORT 8 PIN 4	PIN #1	PIN #1
Mating Plug for Receptacle or Plug	MINP-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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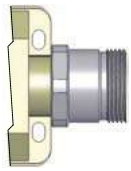


JDC (M12) Junction Blocks

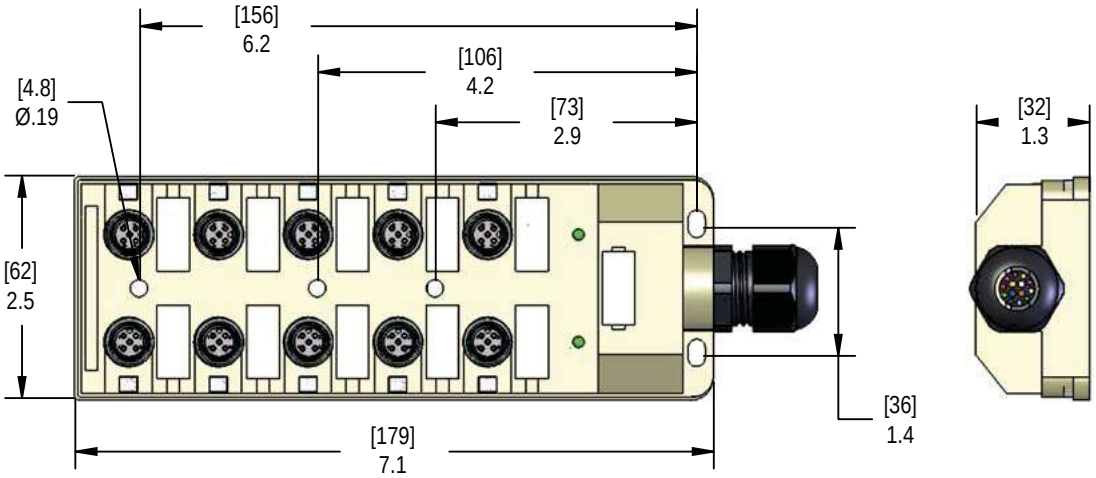
10 Port, 3 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 12 Pole Male Receptacle	JDC-030-012-M000	JDC-03P-212-M000	JDC-03N-212-M000
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-030-012-M003	JDC-03P-212-M003	JDC-03N-212-M003
	N/A	MIN Size III 12 Pole Male Plug with Male Thread	JDC-030-012-M**	JDC-03P-212-M**	JDC-03N-212-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	Nickel Plated Brass
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

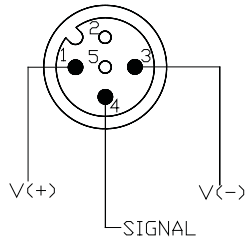
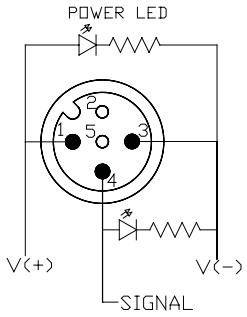
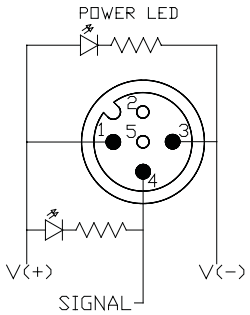
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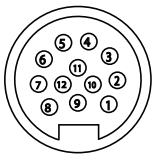
JDC (M12) Junction Blocks

10 Port, 3 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-12 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2
+ V	PIN #10
- V	PIN #9
PORT 1 PIN 4	PIN #1
PORT 2 PIN 4	PIN #2
PORT 3 PIN 4	PIN #3
PORT 4 PIN 4	PIN #4
PORT 5 PIN 4	PIN #5
PORT 6 PIN 4	PIN #6
PORT 7 PIN 4	PIN #7
PORT 8 PIN 4	PIN #8
PORT 9 PIN 4	PIN #11
PORT 10 PIN 4	PIN #12
Mating Plug for Receptacle or Plug	MIN-12FPX-*

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

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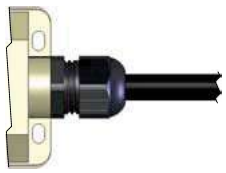
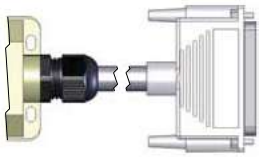


JDC (M12) Junction Blocks

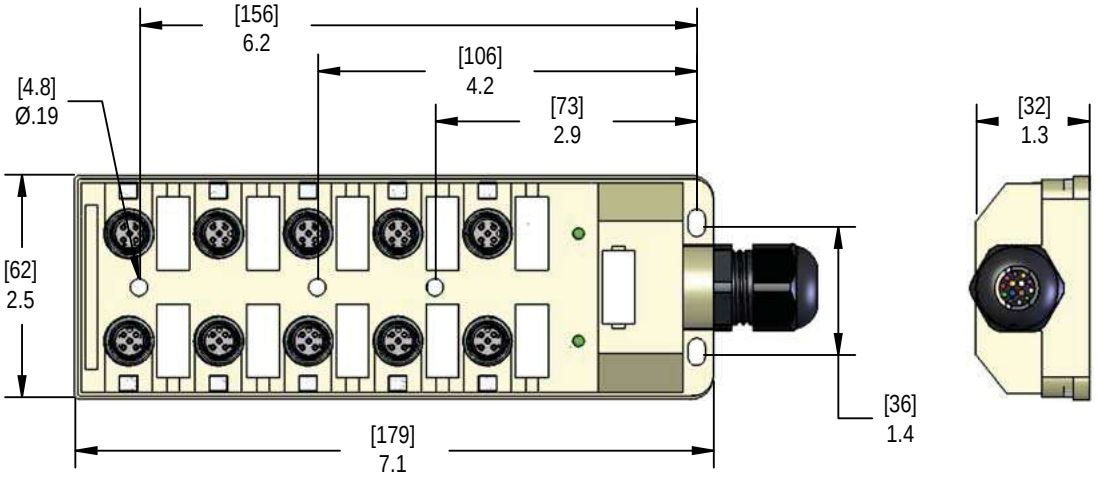
10 Port, 4 Pin JDC Junction blocks

Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 10 x 22 AWG 8.6mm OD	JDC-040-013-C**	JDC-04P-213-C**	JDC-04N-213-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-040-025-D**	JDC-04P-225-D**	JDC-04N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
		O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

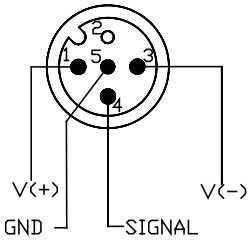
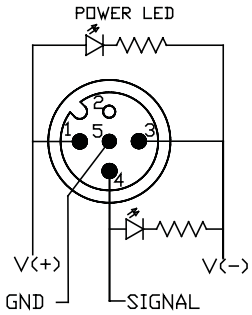
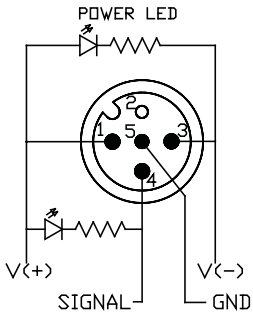
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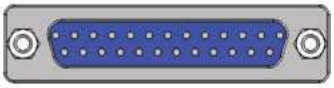
JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-SUB
	Cable O.D. 0.39”	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8
PORT 9 PIN 4	Gray/Pink	PIN #9
PORT 10 PIN 4	Red/Blue	PIN #10

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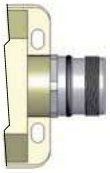


JDC (M12) Junction Blocks

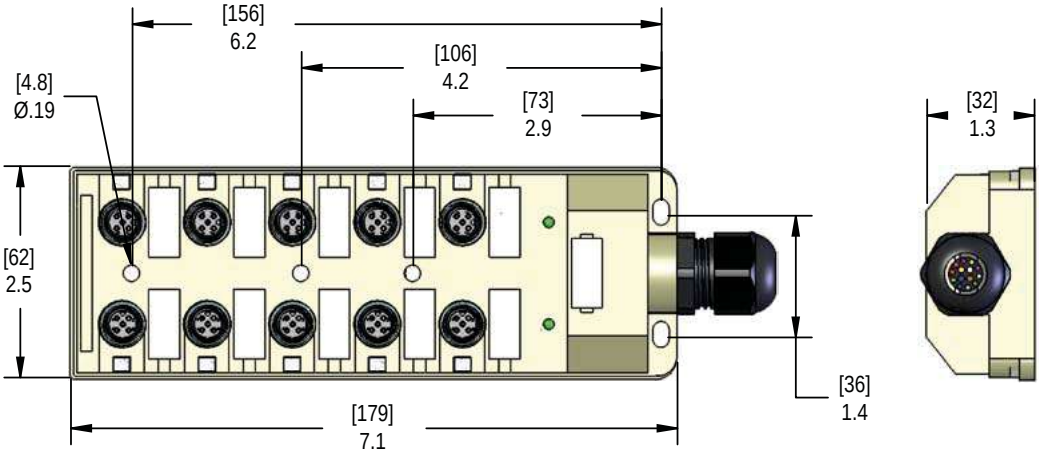
10 Port, 4 Pin JDC Junction blocks

MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-040-019-M000	JDC-04P-219-M000	JDC-04N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-040-019-V000	JDC-04P-219-V000	JDC-04N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-040-019-M003	JDC-04P-219-M003	JDC-04N-219-M003
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-040-019-M**	JDC-04P-219-M**	JDC-04N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	Nickel Plated Brass
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

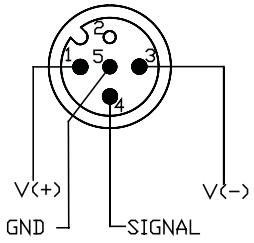
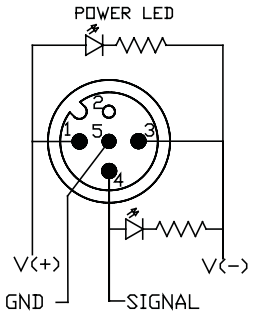
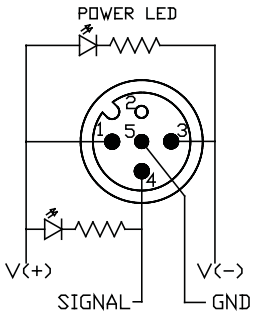
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

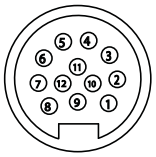
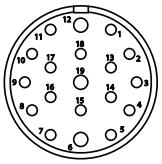
JDC (M12) Junction Blocks

10 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 M23 x 1	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 4	PIN #1	PIN #1
PORT 9 PIN 4	PIN #10	PIN #7
PORT 10 PIN 4	PIN #18	PIN #4
Mating Plug for Receptacle or Plug	MIN-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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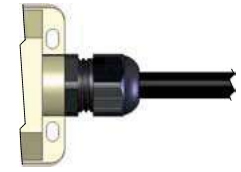
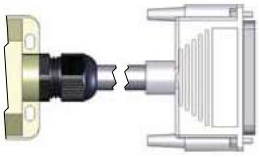


JDC (M12) Junction Blocks

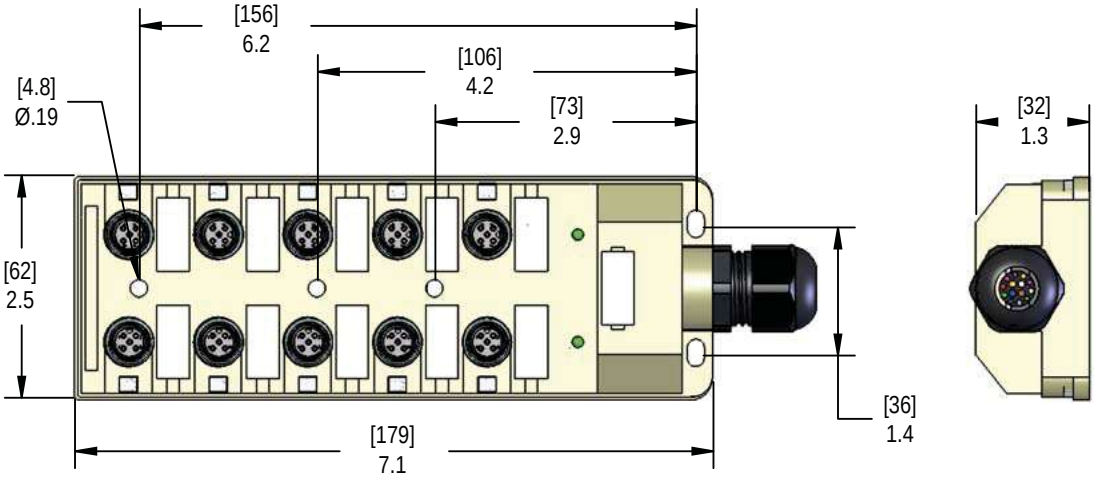
10 Port, 5 Pin JDC Junction blocks

Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-050-024-C**	JDC-05P-224-C**	JDC-05N-224-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-050-025-D**	JDC-05P-225-D**	JDC-05N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	Port Coupling Nuts:	Nickel Plated Brass
		O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

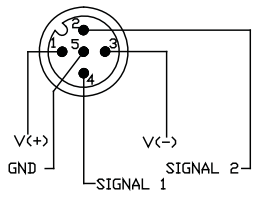
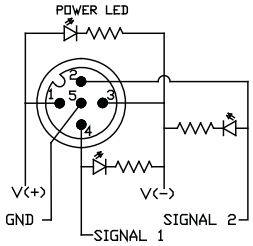
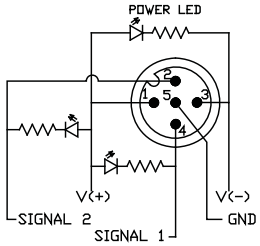
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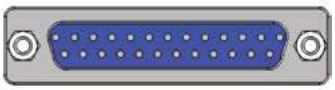
JDC (M12) Junction Blocks

10 Port, 5 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.43”	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15

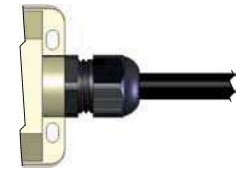


JDC (M12) Junction Blocks

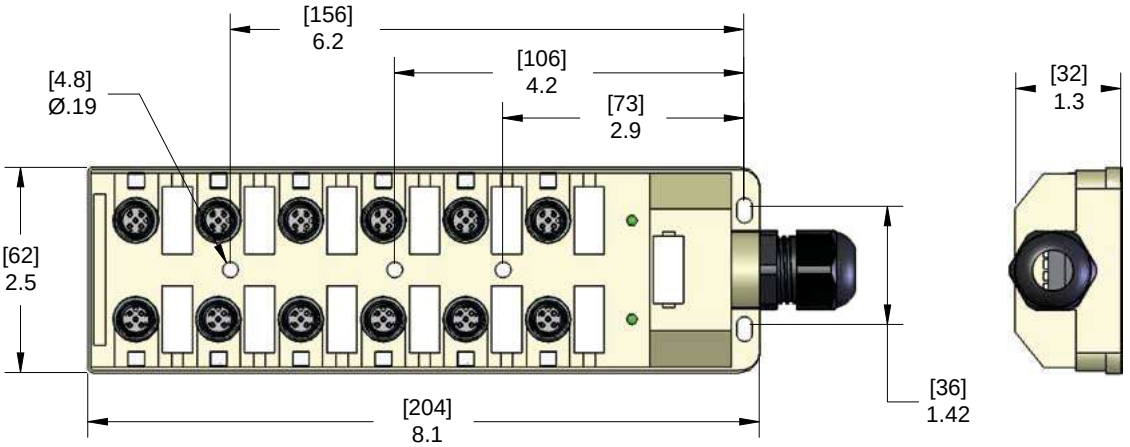
12 Port, 4 Pin JDC Junction blocks

Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 22 AWG Drain Wire 3 x 18 AWG 12 x 22 AWG 12.4mm OD	JDC-240-016-C**	JDC-24P-216-C**	JDC-24N-216-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-240-025-D**	JDC-24P-225-D**	JDC-24N-225-D**

** Lengths in meters. Standard cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	Nickel Plated Brass
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

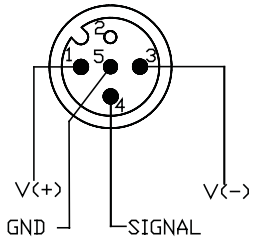
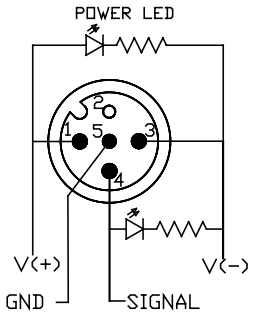
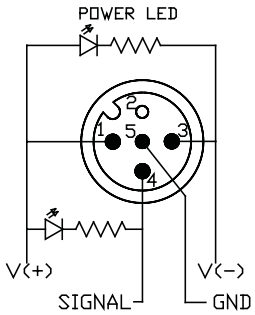
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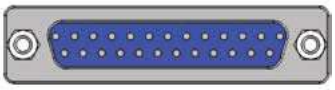
JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.40"	
+ V	Brown	PIN #22 & #23
- V	Blue	PIN #24 & #25
Ground	Green/Yellow	Shield
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 4	Green	PIN #2
PORT 3 PIN 4	Yellow	PIN #3
PORT 4 PIN 4	Gray	PIN #4
PORT 5 PIN 4	Pink	PIN #5
PORT 6 PIN 4	Red	PIN #6
PORT 7 PIN 4	Black	PIN #7
PORT 8 PIN 4	Violet	PIN #8
PORT 9 PIN 4	Gray/Pink	PIN #9
PORT 10 PIN 4	Red/Blue	PIN #10
PORT 11 PIN 4	White/Green	PIN #11
PORT 12 PIN 4	Brown/Green	PIN #12

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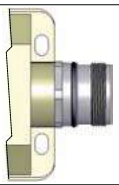
JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks

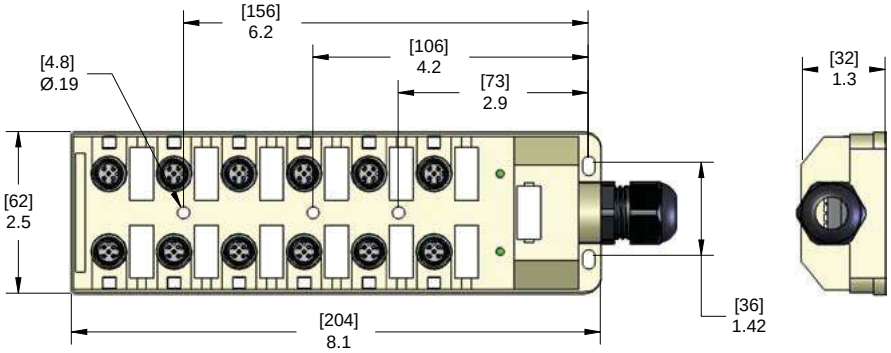
MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating





Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	MIN Size III 19 Pole Male Receptacle	JDC-240-019-M000	JDC-24P-219-M000	JDC-24N-219-M000
	N/A	M23 19 Pole Male Receptacle	JDC-240-019-V00	JDC-24P-219-V000	JDC-24N-219-V000
	N/A	MIN Size III 19 Pole Male Plug with Male Thread	JDC-240-019-M003	JDC-24P-219-M003	JDC-24N-219-M003
	N/A	MIN Size III 19 Pole Male Plug	JDC-240-019-M**	JDC-24P-219-M**	JDC-24N-219-M**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	Nickel Plated Brass
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

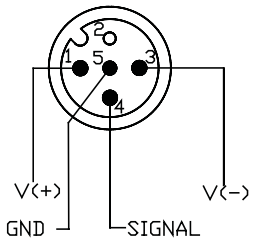
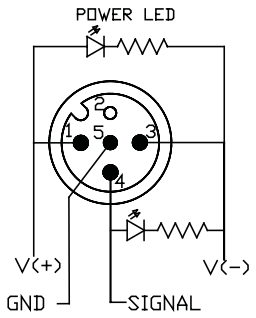
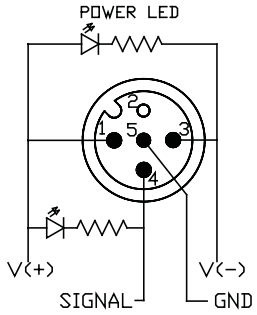
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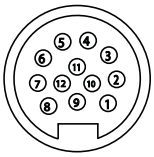
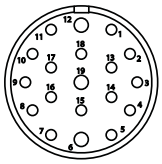
JDC (M12) Junction Blocks

12 Port, 4 Pin JDC Junction blocks



MIN Receptacle | MIN Plug | M23 Receptacle | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-19 Receptacles & Plug Version	19 PIN M23 Receptacles & Plug Version
Male Faceview	 1.125"-16UN2	 M23 x 1
+ V	PIN #7	PIN #19
- V	PIN #5	PIN #6
Ground	PIN #12	PIN #12
PORT 1 PIN 4	PIN #15	PIN #15
PORT 2 PIN 4	PIN #6	PIN #5
PORT 3 PIN 4	PIN #16	PIN #16
PORT 4 PIN 4	PIN #3	PIN #3
PORT 5 PIN 4	PIN #17	PIN #17
PORT 6 PIN 4	PIN #2	PIN #2
PORT 7 PIN 4	PIN #11	PIN #11
PORT 8 PIN 4	PIN #1	PIN #1
PORT 9 PIN 4	PIN #10	PIN #7
PORT 10 PIN 4	PIN #18	PIN #4
PORT 11 PIN 4	PIN #9	PIN #8
PORT 12 PIN 4	PIN #13	PIN #14
Mating Plug for Receptacle or Plug	MIN-19FP-*	MCV-19FP-**

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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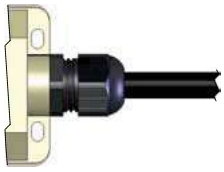
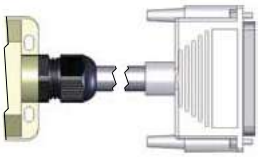


JDC (M12) Junction Blocks

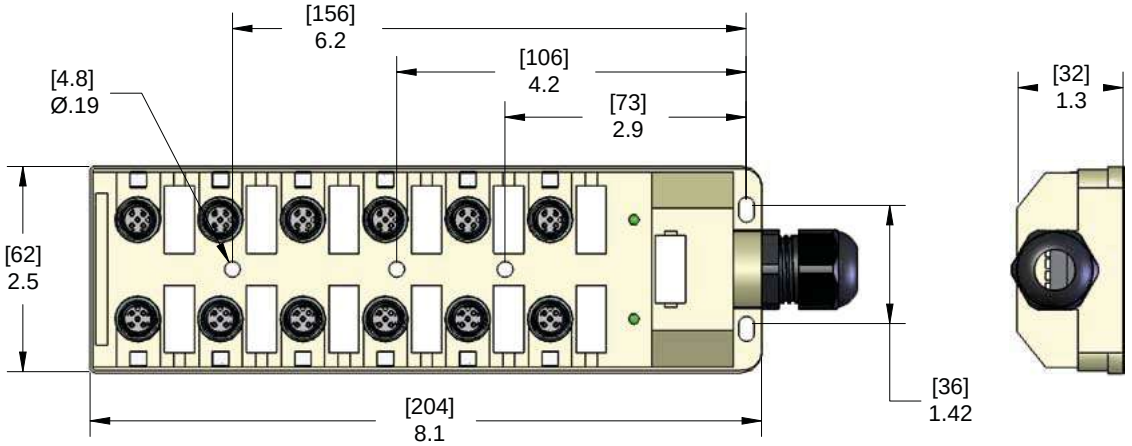
12 Port, 5 Pin JDC Junction blocks

Cable | D-Sub | IP67 Protection Rating



Trunk Style	UL Rating	Trunk Connection	Part Number		
			No LED	PNP	NPN
	N/A	Black PUR AWM With Foil Shield 24 AWG Drain Wire 4 x 18 AWG 24 x 22 AWG 12.4mm OD	JDC-250-028-C**	JDC-25P-228-C**	JDC-25N-228-C**
	N/A	Gray PVC With Foil Shield 20 AWG Drain Wire 21 x 24 AWG 4 x 20 AWG	JDC-250-037-D**	JDC-25P-237-D**	JDC-25N-237-D**

** Lengths in meters. Standard cable lengths are 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	Nickel Plated Brass
Voltage:	Without LEDs: 0-150 Volt Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

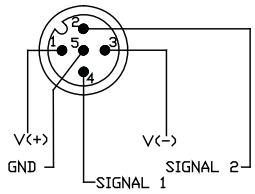
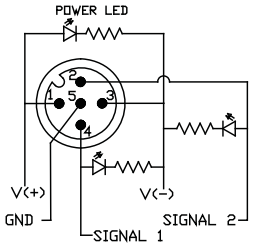
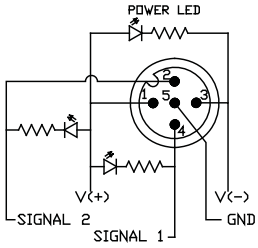
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JDC (M12) Junction Blocks

12 Port, 5 Pin JDC Junction blocks



Cable | D-Sub | IP67 Protection Rating

No LED Version	PNP Version	NPN Version
		

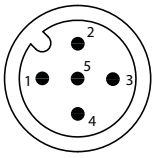
Function	Cable Version	25 PIN Male D-Sub
	Cable O.D. 0.47”	
+ V	Brown & Brown/White	PIN #34 & #35
- V	Blue	PIN #36 & #37
Ground	Green/Yellow	Shield
PORT 1 PIN 2	Gray/Pink	PIN #2
PORT 1 PIN 4	White	PIN #1
PORT 2 PIN 2	Red/Blue	PIN #4
PORT 2 PIN 4	Green	PIN #3
PORT 3 PIN 2	White/Green	PIN #6
PORT 3 PIN 4	Yellow	PIN #5
PORT 4 PIN 2	Brown/Green	PIN #8
PORT 4 PIN 4	Gray	PIN #7
PORT 5 PIN 2	White/Yellow	PIN #10
PORT 5 PIN 4	Pink	PIN #9
PORT 6 PIN 2	Yellow/Brown	PIN #12
PORT 6 PIN 4	Red	PIN #11
PORT 7 PIN 2	White/Gray	PIN #14
PORT 7 PIN 4	Black	PIN #13
PORT 8 PIN 2	Gray/Brown	PIN #16
PORT 8 PIN 4	Violet	PIN #15
PORT 9 PIN 2	White/Red	PIN #18
PORT 9 PIN 4	White/Pink	PIN #17
PORT10 PIN 2	Brown/Red	PIN #20
PORT 10 PIN 4	Pink/Brown	PIN #19
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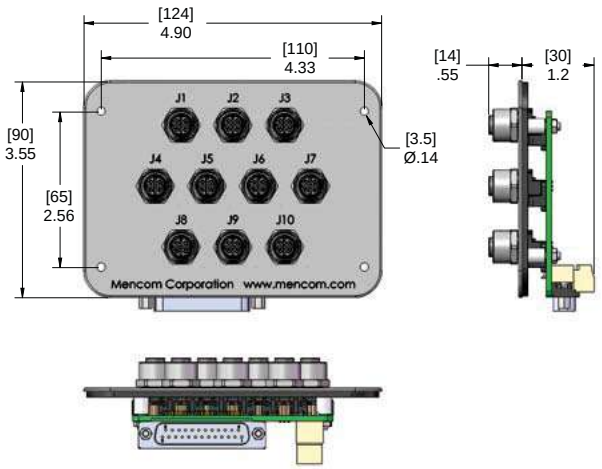
JDC (M12) Panel Mount Junction Blocks

10 - 5 Conductor JDC Panel Mount Junction blocks

Size 32 | 3 Pin Pluggable Power Connector | 25 Pin D-Sub | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-DB25

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector
(for alternative to DB25 pins 21 - 25)

25 Pin D-Sub male connector

Wiring			
Port #	**PIN #**	**DB25 PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1	23 & 24	V+
ALL PORTS	3	21 & 22	V-
ALL PORTS	5	25	Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	

Specifications:

Ratings:	3 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

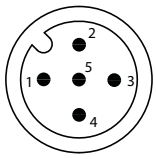
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JDC (M12) Panel Mount Junction Blocks

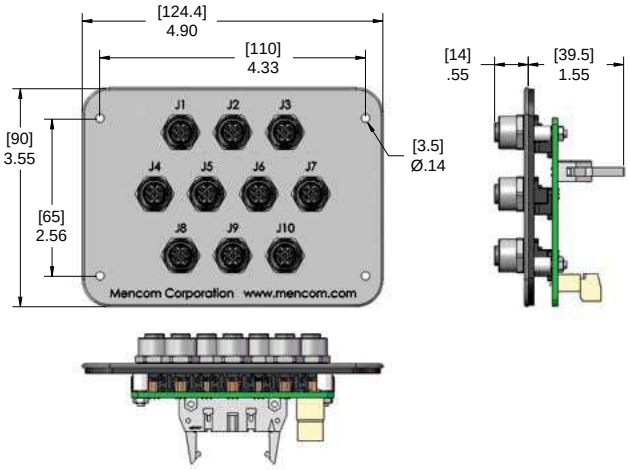
10 - 5 Pole JDC Panel Mount Junction blocks



Size 32 | 3 Pin Pluggable Power Connector | 20 Pin Ribbon Cable | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-RC20

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector

20 Pin Ribbon Cable

Wiring			
Port #	**PIN #**	**DB25 PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1		V+
ALL PORTS	3		V-
ALL PORTS	5		Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	

Specifications:

Ratings:	3 A per Connector
	8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

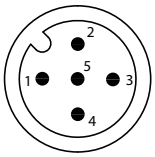
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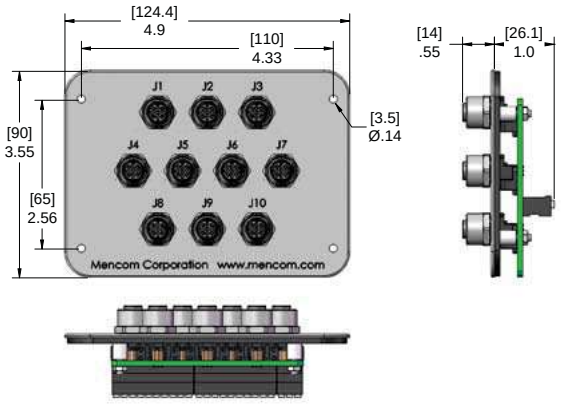
JDC (M12) Panel Mount Junction Blocks

10 - 5 Conductor JDC Panel Mount Junction blocks

Size 32 | 3 Pin Pluggable Power Connector | Terminal Block | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-TB23

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

23 Pin Push Button Spring-Clamp Terminal Blocks

Wiring		
Port #	**PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1	V+
ALL PORTS	3	V-
ALL PORTS	5	Ground
J1	4	2 - J1
J1	2	3 - J1
J2	4	2 - J2
J2	2	3 -J2
J3	4	2 - J3
J3	2	3 - J3
J4	4	2 - J4
J4	2	3 - J4
J5	4	2 - J5
J5	2	3 -J5
J6	4	2 - J6
J6	2	3 - J6
J7	4	2 - J7
J7	2	3 - J7
J8	4	2 - J8
J8	2	3 - J8
J9	4	2 - J9
J9	2	3 - J9
J10	4	2 - J10
J10	2	3 - J10

Specifications:

Ratings:	3 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

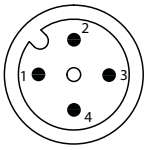
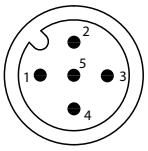
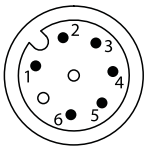
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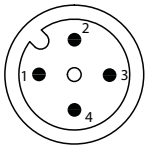
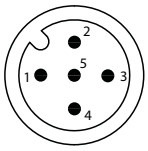
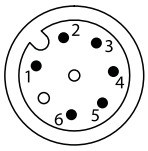
JDC (M12) Panel Mount Junction Blocks

4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks



Size 32 | 8 & 10 Port | Back Mount | Straight Wiring

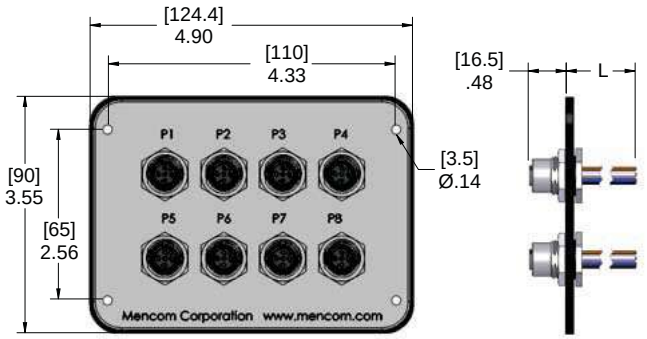
8 Port Version			
Female Faceview	**# of Poles**	**Rating**	**Part Number**
 M12x1	4	300V 4A	D32-8MDC-4FR-BM-**
 M12x1	5	300V 4A	D32-8MDC-5FR-BM-**
 M12x1	6	60V 2A	D32-8MDC-6FR-BM-**

10 Port Version			
Female Faceview	**# of Poles**	**Rating**	**Part Number**
 M12x1	4	300V 4A	D32-10MDC-4FR-BM-**
 M12x1	5	300V 4A	D32-10MDC-5FR-BM-**
 M12x1	6	60V 2A	D32-10MDC-6FR-BM-**

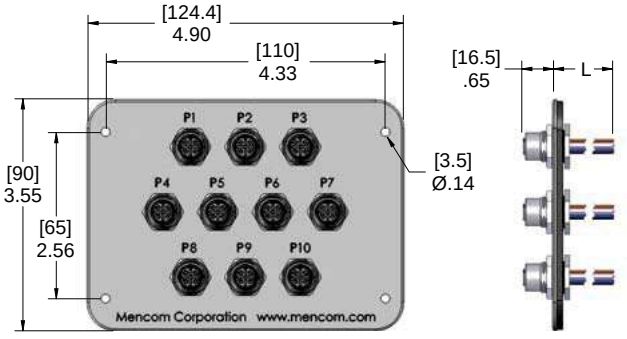
** Lengths in meters. Standard Cable lengths are 1, 2, 4, 6 & 10 meters. Consult factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Custom Options available, please consult the factory.



8 Port Version



10 Port Version

Specifications:

Ratings:	4 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

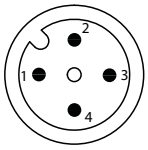
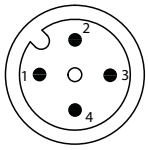
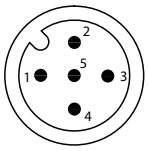
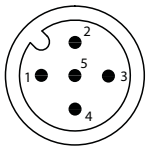
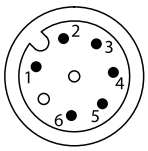
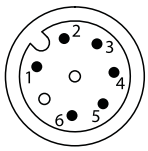
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JDC (M12) Panel Mount Junction Blocks

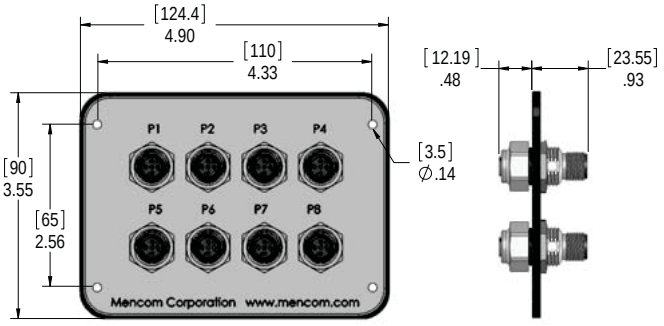
4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks

Size 32 | 8 & 10 Port | Through Panel Mount | Straight Wiring

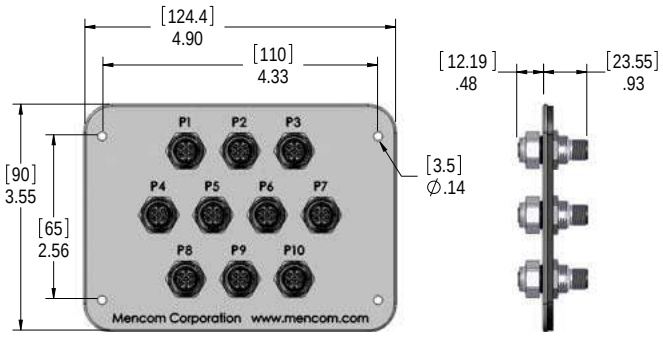
8 Port Version				10 Port Version			
Female Faceview	# of Poles	Rating	Part Number	Female Faceview	# of Poles	Rating	Part Number
 M12x1	4	300V 4A	D32-8MDC-4FR-TM	 M12x1	4	300V 4A	D32-10MDC-4FR-TM
 M12x1	5	300V 4A	D32-8MDC-5FR-TM	 M12x1	5	300V 4A	D32-10MDC-5FR-TM
 M12x1	6	60V 2A	D32-8MDC-6FR-TM	 M12x1	6	60V 2A	D32-10MDC-6FR-TM

2~5 Pole females will have all 5 contact holes in the connector.

Custom Options available, please consult the factory.



8 Port Version



10 Port Version

Specifications:

Ratings:	4 A per Connector
	8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

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1/2” JAC Junction Blocks

JAC Junction blocks Part Number Matrix

Not all options available with all junction blocks, please consult factory.

JAC - □30 - 0□ - □□

Number of Port

4
6
8

Length in Meters

000 = Receptacle
003 = 0.3M
020 = 2M
050 = 5M
100 = 10M

Other lengths are available by request.

Number of Home Run Conductors

03
06
08
10
12

Trunk Connection Type

M = MIN Connector
C = Cable
V = M23 Connector

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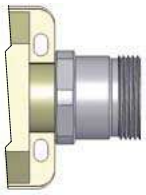
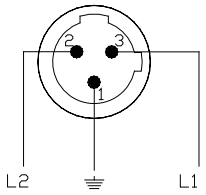


1/2” JAC Junction Blocks

4,6 & 8 Port, 3 Pin JAC Junction blocks

Straight Wiring | MIN Receptacles | 24 - 120 Volt | IP67 Rating



Trunk Style	Trunk Connection	# of Ports	JAC Version Part Number	Mating Cable Part Number	Port Connection
	MIN Size I 3 Pole Male Receptacles	4	JAC-430-003-M000	MIN-3FP-*	
		6	JAC-630-003-M000		
		8	JAC-830-003-M000		

Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	Nickel Plated Brass	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

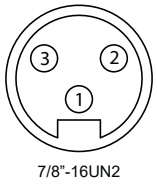
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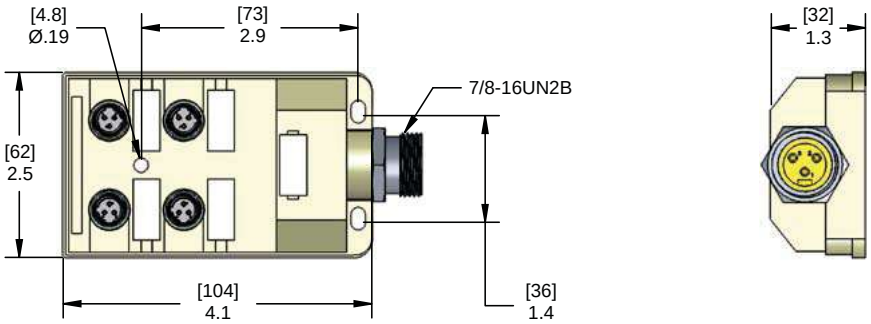
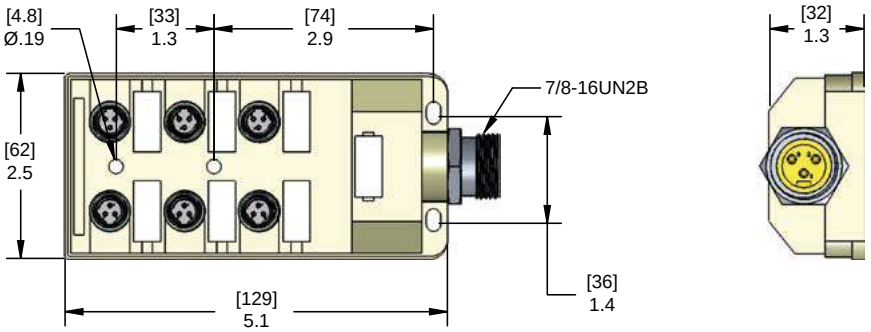
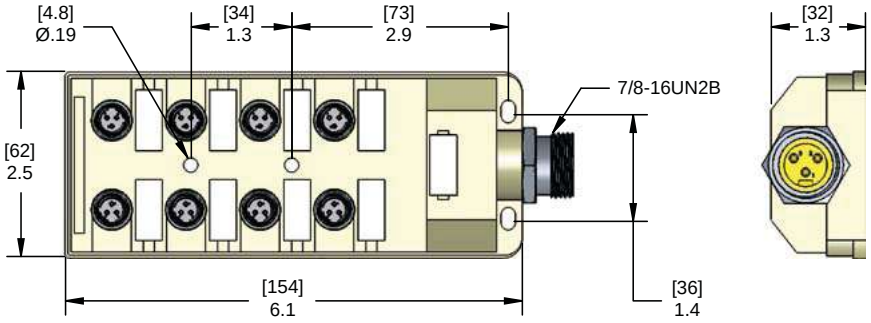
1/2” JAC Junction Blocks

4,6 & 8 Port, 3 Pin JAC Junction blocks



Straight Wiring | MIN Receptacles | 24 - 120 Volt | IP67 Rating

PIN Connection		
MIN Pin #	**All Ports PIN #**	**Male Faceview**
1	1 (Ground)	
2	2 (L2)	
3	3 (L1)	

# of Port	Housing Style
4	
6	
8	

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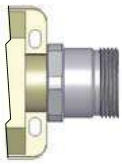
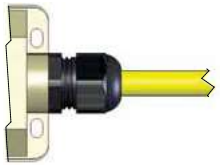
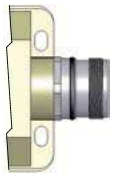


1/2” JAC Junction Blocks

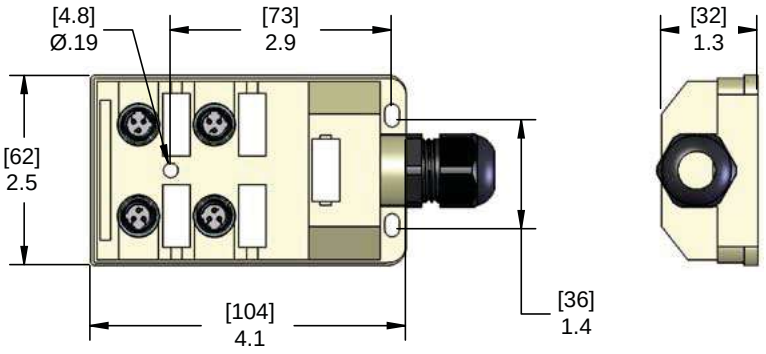
4 Port, 3 Pin JAC Junction blocks

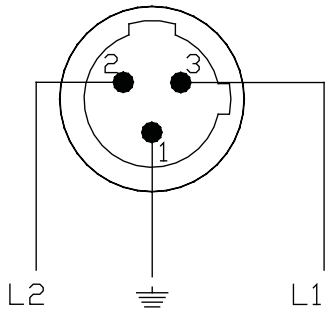
Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating



Trunk Style	Trunk Connection	Part Number
	MIN Size I 6 Pole Male Receptacle	JAC-430-006-M000
	Yellow PVC SJTOOW 6 x 18 AWG 9.9mm OD	JAC-430-006-C**
	M23 12 Pole Male Receptacle	JAC-430-012-V**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.





No LED Version

Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	Nickel Plated Brass	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

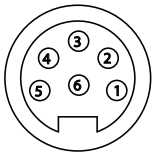
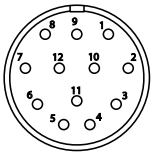
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1/2” JAC Junction Blocks

4 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-6MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 7/8”-16UN2	 M23 x 1	Cable O.D. 0.32”
Ground	PIN #3	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #1	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #2	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #4	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #5	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #6	PIN #2	Blue
Mating Plug	MIN-6FP-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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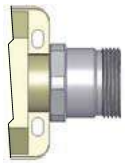
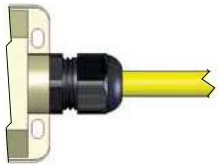
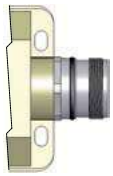


1/2” JAC Junction Blocks

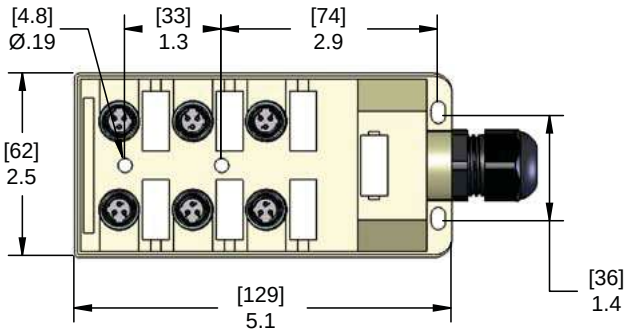
6 Port, 3 Pin JAC Junction blocks

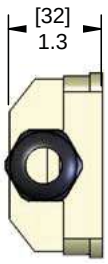
Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

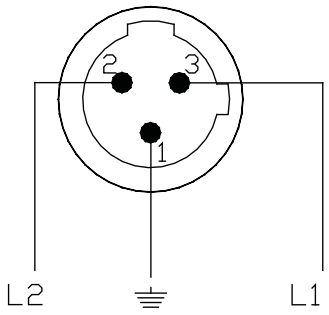


Trunk Style	Trunk Connection	No LED
	MIN Size II 8 Pole Male Receptacle	JAC-630-008-M000
	Yellow PVC AWM 20811 8 x 18 AWG 8.9mm OD	JAC-630-008-C**
	M23 12 Pole Male Receptacle	JAC-630-012-V**

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.







No LED Version

Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	Nickel Plated Brass	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

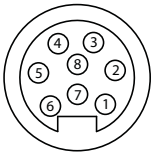
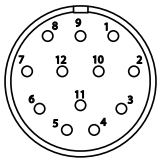
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1/2” JAC Junction Blocks

6 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-8MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 1”-16UN2	 M23 x 1	Cable O.D. 0.35”
Ground	PIN #7	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #5	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #6	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #1	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #4	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #2	PIN #2	Blue
PORT 5 PIN 2 (L2)	PIN #3	PIN #3	White/Black
PORT 6 PIN 2 (L2)	PIN #8	PIN #8	Red/Black
Mating Plug	MIN-8FPX-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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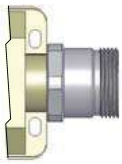
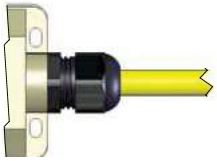
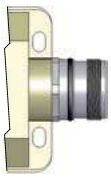


1/2” JAC Junction Blocks

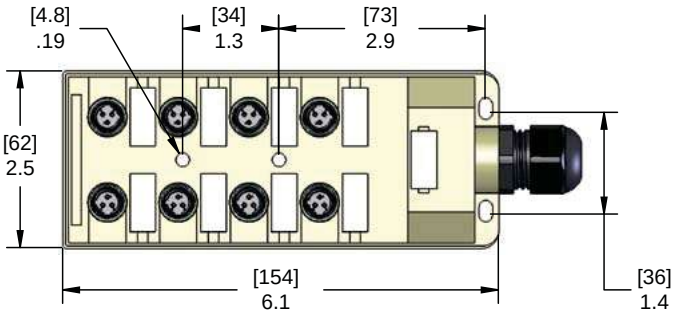
8 Port, 3 Pin JAC Junction blocks

Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

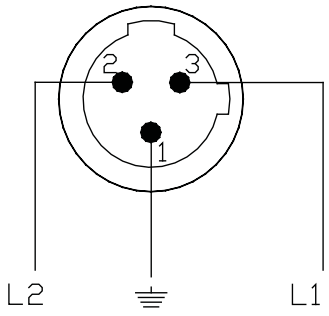


Trunk Style	Trunk Connection	No LED
	MIN Size III 10 Pole Male Receptacle	JAC-830-010-M000
	Yellow PVC AWM 20811 10 x 18 AWG 10.2mm OD	JAC-830-010-C**
	M23 12 Pole Male Receptacle	JAC-830-012-V000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.







No LED Version

Specifications:

Ratings:	3 A per Connector	
	8 A per Block	
Voltage:	Without LEDs:	0-150 Volt Max
	With LEDs:	48 VDC Max in accordance with LED Configuration
Body:	Polypropylene	
Inserts:	Polyamide	
Port Coupling Nuts:	Nickel Plated Brass	
O-Ring:	BUNA-N	
LED Lens:	Polycarbonate	
Contacts:	Copper Alloy with Gold Plating	
Marker Tags:	Polyamide (supplied on all units)	

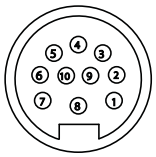
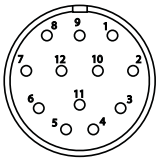
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1/2” JAC Junction Blocks

8 Port, 3 Pin JAC Junction blocks



Standard Wiring | MIN Receptacle | Cable | M23 Receptacle | 24 - 120 Volt | IP67 Rating

Function	MIN-10MR Receptacle Version	12 Pin M23 Receptacle Version	Cable
	 1”-16UN2	 M23 x 1	Cable O.D. 0.40”
Ground	PIN #8	PIN #7	Green/Yellow
All PORTS PIN 3 (L1)	PIN #10	PIN #5	White
PORT 1 PIN 2 (L2)	PIN #7	PIN #6	Red
PORT 2 PIN 2 (L2)	PIN #1	PIN #1	Orange
PORT 3 PIN 2 (L2)	PIN #9	PIN #4	Black
PORT 4 PIN 2 (L2)	PIN #2	PIN #2	Blue
PORT 5 PIN 2 (L2)	PIN #3	PIN #3	White/Black
PORT 6 PIN 2 (L2)	PIN #4	PIN #8	Red/Black
PORT 7 PIN 2 (L2)	PIN #5	PIN #9	Green/Black
PORT 8 PIN 2 (L2)	PIN #8	PIN #10	Orange/Black
Mating Plug	MIN-10FPX-*	MCV-12FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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Notes:

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JAN (M8) Junction Blocks

JAN Junction blocks Part Number Matrix

Not all options available with all junction blocks, please consult factory.

JAN - ☐ 3 ☐ - ☐☐ - ☐☐

Number of Port

4
6
8

LED Transistor Type

0	=	No LED
P	=	PNP
N	=	NPN

Length in Meters

000	=	Receptacle
003	=	0.3M
020	=	2M
050	=	5M
100	=	10M

Other lengths are available by request.

Voltage

0	=	120V
2	=	24V

Trunk Connection Type

M	=	MIN Connector
F	=	Field Wireable
C	=	Cable
E	=	MDC Connector

Number of Home Run Conductors

06
08
10

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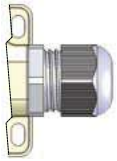
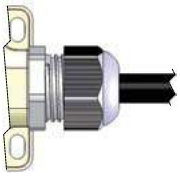


JAN (M8) Junction Blocks

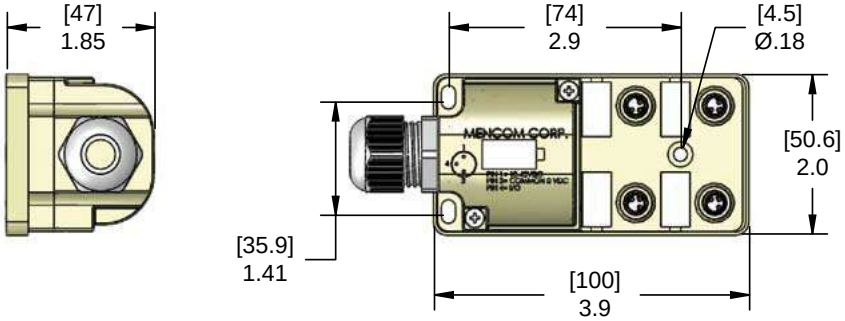
4 Port, 3 Pin JAN Junction blocks

Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-430-006-F000	JAN-43P-206-F000	JAN-43N-206-F000
	Black PUR AWM 20233 With With Mylar Shield 22 AWG Drain Wire 3 x 18 AWG 4 x 22 AWG 8.1mm OD	JAN-430-006-C**	JAN-43P-206-C**	JAN-43N-206-C**
	MIN Size I 6 Pole Male Receptacles	JAN-430-006-M000	JAN-43P-206-M000	JAN-43N-206-M000
	M12 8 Pole Male Receptacle	JAN-430-008-E000	JAN-43P-208-E000	JAN-43N-208-E000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-60 VDC Max	O-Ring:	BUNA-N
	With LEDs: 48 VDC Max	LED Lens:	Polycarbonate
	in accordance with LED Configuration	Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

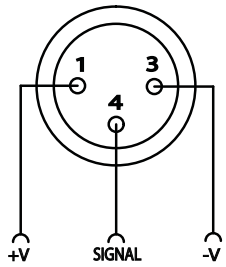
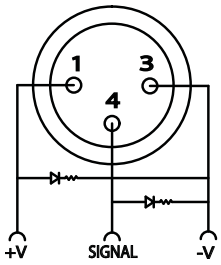
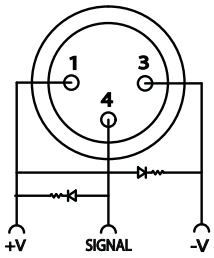
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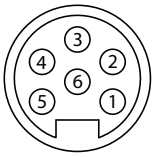
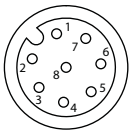
JAN (M8) Junction Blocks

4 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-6MR Receptacle Version	MDC-8MR Receptacle Version	Cable Version
	 7/8"-16UN2	 M12 x 1	Cable O.D. 8.9 mm
+ V	PIN #6	PIN #5	Brown
- V	PIN #3	PIN # 7	Blue
PORT 1 PIN 4 (L4)	PIN #2	PIN #1	White
PORT 2 PIN 4 (L4)	PIN #1	PIN #2	Green
PORT 3 PIN 4 (L4)	PIN #5	PIN #3	Yellow
PORT 4 PIN 4 (L4)	PIN #4	PIN #4	Gray
Mating Plug	MIN-6FP-*	MDCP-8FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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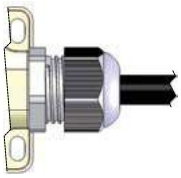


JAN (M8) Junction Blocks

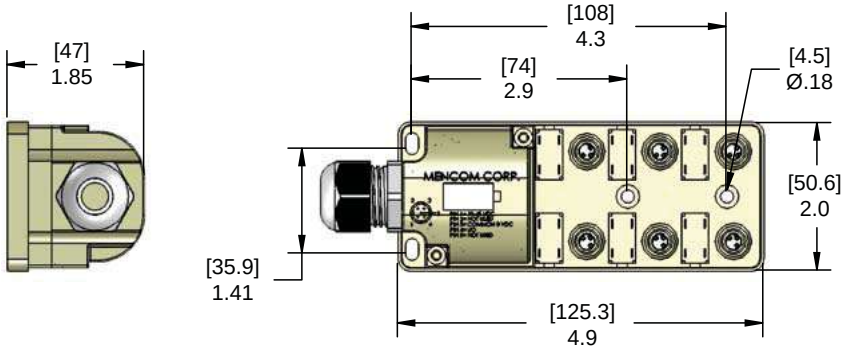
6 Port, 3 Pin JAN Junction blocks

Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-630-008-F000	JAN-63P-208-F000	JAN-63N-208-F000
	Black PUR AWM 20233 With With Mylar Shield 24 AWG Drain Wire 3 x 18 AWG 6 x 22 AWG 7.9mm OD	JAN-630-008-C**	JAN-63P-208-C**	JAN-63N-208-C**
	MIN Size II 8 Pole Male Receptacles	JAN-630-008-M000	JAN-63P-208-M000	JAN-63N-208-M000
	M12 8 Pole Male Receptacles	JAN-630-008-E000	JAN-63P-208-E000	JAN-63N-208-E000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-60 VDC Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

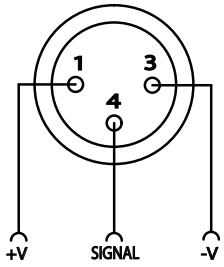
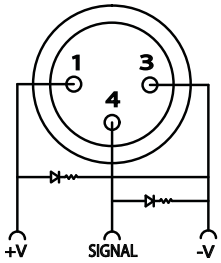
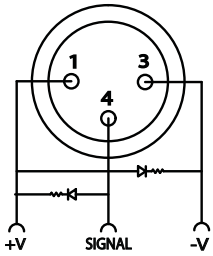
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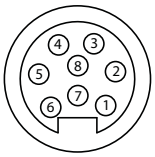
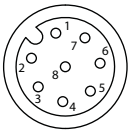
JAN (M8) Junction Blocks

6 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-8MR Receptacle Version	MDC-8MR Receptacle Version	Cable Version
	 1"-16UN2	 M12 x 1	
+ V	PIN #8	PIN #5	Brown
- V	PIN #7	PIN # 7	Blue
PORT 1 PIN 4 (L4)	PIN #6	PIN #1	White
PORT 2 PIN 4 (L4)	PIN #5	PIN #2	Green
PORT 3 PIN 4 (L4)	PIN #4	PIN #3	Yellow
PORT 4 PIN 4 (L4)	PIN #3	PIN #4	Gray
PORT 5 PIN 4 (L4)	PIN #2	PIN #6	Pink
PORT 6 PIN 4 (L4)	PIN #1	PIN #8	Red
Mating Plug	MIN-8FPX-*	MDCP-8FP-**	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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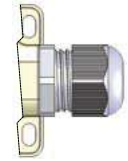
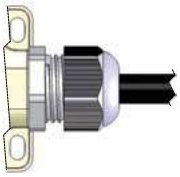


JAN (M8) Junction Blocks

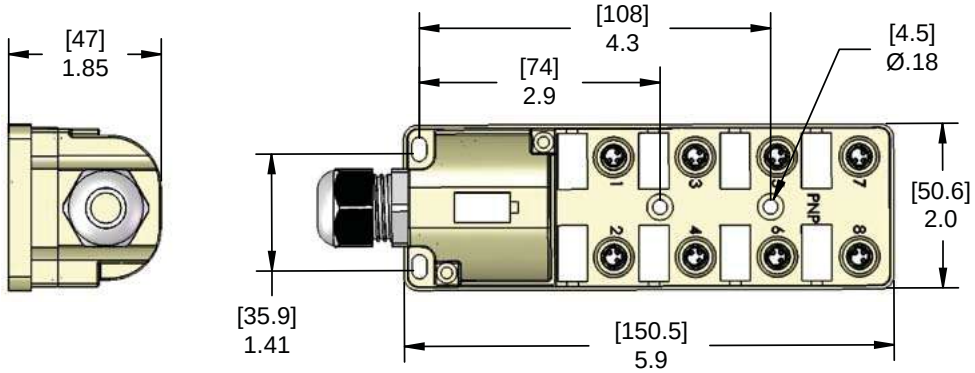
8 Port, 3 Pin JAN Junction blocks

Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating



Trunk Style	Trunk Connection	Part Number		
		No LED	PNP	NPN
	Field Wireable 24 AWG - 16 AWG	JAN-830-010-F000	JAN-83P-210-F000	JAN-83N-210-F000
	Black PVC AWM 2661 2 x 18 AWG 8 x 22 AWG 7.1mm OD	JAN-830-010-C**	JAN-83P-210-C**	JAN-83N-210-C**
	MIN Size III 10 Pole Male Receptacles	JAN-830-010-M000	JAN-83P-210-M000	JAN-83N-210-M000

** Lengths in meters. Standard Cable lengths are 2m, 5m and 10m. Consult factory for other lengths.



Specifications:

Ratings:	3 A per Connector 8 A per Block	Inserts:	Polyamide
		Port Coupling Nuts:	PBT
Voltage:	Without LEDs: 0-60 VDC Max With LEDs: 48 VDC Max in accordance with LED Configuration	O-Ring:	BUNA-N
		LED Lens:	Polycarbonate
		Contacts:	Copper Alloy with Gold Plating
Body:	Polypropylene	Marker Tags:	Polyamide (supplied on all units)

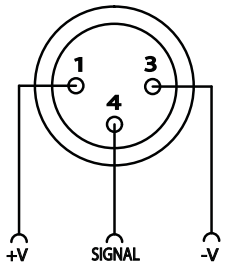
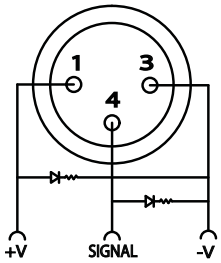
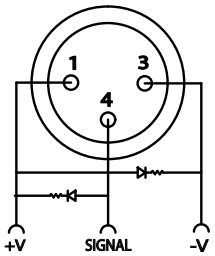
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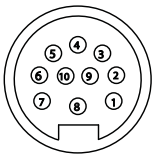
JAN (M8) Junction Blocks

8 Port, 3 Pin JAN Junction blocks



Field Wireable | Cable | MIN Receptacle | MIN Receptacle | IP67 Rating

No LED Version	PNP Version	NPN Version
		

Function	MIN-10MR Receptacle Version	Cable Version
	 1.125"-16UN2	Cable O.D. 9.5 mm
+ V	PIN #10	Brown
- V	PIN #8	Blue
PORT 1 PIN 4 (L4)	PIN #7	White
PORT 2 PIN 4 (L4)	PIN #6	Green
PORT 3 PIN 4 (L4)	PIN #5	Yellow
PORT 4 PIN 4 (L4)	PIN #4	Gray
PORT 5 PIN 4 (L4)	PIN #3	Pink
PORT 6 PIN 4 (L4)	PIN #2	Red
PORT 7 PIN 4 (L4)	PIN #1	Black
PORT 8 PIN 4 (L4)	PIN #9	Violet
Mating Plug	MIN-10FPX-*	

* Length in feet. Standard Cable lengths are 3, 6, 12, 20, 30 & 50 feet. Consult factory for other lengths.

** Lengths in meters. Standard Cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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Notes:

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Solenoid Valve Connectors

EN175301-803, De Facto Standard

Cordsets | Field Wireables | Accessories

UL File #:
E205538

While most industrial electrical connectors are used in a wide variety of applications, the “solenoid valve connector” is primarily used on solenoid valves. Over the years as solenoid valves have changed and reduced in size, the solenoid valve connectors have changed as well.
Designed to conform to EN175301-803 (formerly DIN 43650), or to “De Facto” standards, Mencom solenoid valve connectors are available in 5 different interfaces (Form A, Form B, Form C as well as Industry Standard Form B and Industry Standard Form C).

How it works

A solenoid valve is an electromechanically operated valve. The valve is controlled by an electric current through a solenoid: in the case of a two-port valve the flow is switched on or off; in the case of a three-port valve, the outflow is switched between the two outlet ports. Multiple solenoid valves can be placed together on a manifold.

Where it is used

Solenoid valves are most frequently used to control elements in fluidics. Their tasks are to shut off, release, dose, distribute or mix fluids. They are found in many application areas. Solenoids offer fast and safe switching, high reliability, long service life, and compact design.

Features

Our standard valve connector offers a polyamide body with thermoplastic gasket integrally molded into the face of the mold connectors. Molded versions utilize a PVC jacket with 18 AWG conductors, while the field wireables are available in PG9, PG11, and ½” NPT threaded openings. Valve connectors with circuitry and suppression aid in diagnostics and protection of equipment. Several circuitry and suppression options are available.
Our valve connectors all carry an IP65 Rating.



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Solenoid Valve Connectors

EN175301-803, De Facto Standard

Contents

Part Number Matrix **T-3**

Accessories **T-4**

Form A
- EN175301-803 (Formerly DIN 43650)
  - Field Wireable Plugs **T-5**
  - to Micro-DC Male Receptacle **T-6**
  - Cordsets **T-7**
  - to Micro-DC Male Plug **T-8**

Form B
- EN175301-803 (Formerly DIN 43650)
  - Field Wireable Plugs **T-9**
  - Cordsets **T-9**
  - to Micro-DC Male Receptacle **T-10**
  - to Micro-DC Male Plug **T-11**
- Industry Standard
  - Field Wireable Plugs **T-12**
  - Cordsets **T-12**
  - to Micro-DC Male Receptacle **T-13**
  - to Micro-DC Male Plug **T-14**

Form C
- EN175301-803 (Formerly DIN 43650)
  - Field Wireable Plugs **T-15**
  - Cordsets **T-15**
  - to Micro-DC Male Receptacle **T-16**
  - to Micro-DC Male Plug **T-17**
- Industry Standard
  - Field Wireable Plugs **T-18**
  - Cordsets **T-18**
  - to Micro-DC Male Receptacle **T-19**
  - to Micro-DC Male Plug **T-20**

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Solenoid Valve Connectors

Solenoid Valve Connectors Part Number Matrix

Not all options available with all valve connectors, please consult factory.

V □□ - □□□ - □□

Style

Black cable unless indicated

A = DIN Form A
B = DIN Form B
C = DIN Form C
D = Ind. Std. Form B {ISB}
E = Ind. Std. Form C {ISC}
F = DIN Form A - Gray
G = DIN Form B - Gray
J = Ind. Std. Form B {ISB} - Gray
H = DIN Form C - Gray
K = Ind. Std. Form C {ISC} - Gray

Circuit Design

A = LED Only; 24V AC/DC
B = LED Only; 120V AC/DC
C = LED w/ Flyback Diode; 10-50V DC
G = LED & MOV; 24V AC/DC
J = LED & MOV; 120V AC/DC
N = No Circuitry
R = LED w/ BRD RECT & MOV; 120V AC/DC
S = Bi-Color LED's; 10-50V AC/DC
T = Bi-Color LED's; 120V AC/DC
Z = LED; Zeners; 24V AC/DC

Length in Meter

0 (ZERO) = No Cable (Field Wireable)
A = 10M
2 = 2M
5 = 5M

Other lengths are available by request.

Contacts

2 = 2+Ground/Ground Cable Side
3 = 3+Ground/Ground Cable Side
8 = 2+Ground/Ground Opposite Side
9 = 3+Ground/Ground Opposite Side

Wiring Design

00 (Double Zero) = STD Cable
50 = Formed Gasket

Or

□□0□

Config & Wiring

1 = Straight
2 = R/A
3 & Up = Custom

Pins

2,3,4,5, Etc.

Connector

1 = MIN
2 = MAC
3 = MDC
4 = NAN

Threads

0 (Zero) = N/A - CBL Version
2 = 1/2 NPT
7 = PG7
9 = PG9
1 = PG11

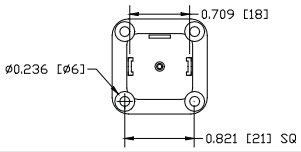
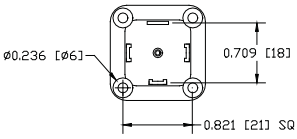
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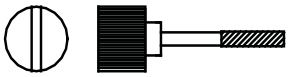


Solenoid Valve Connectors

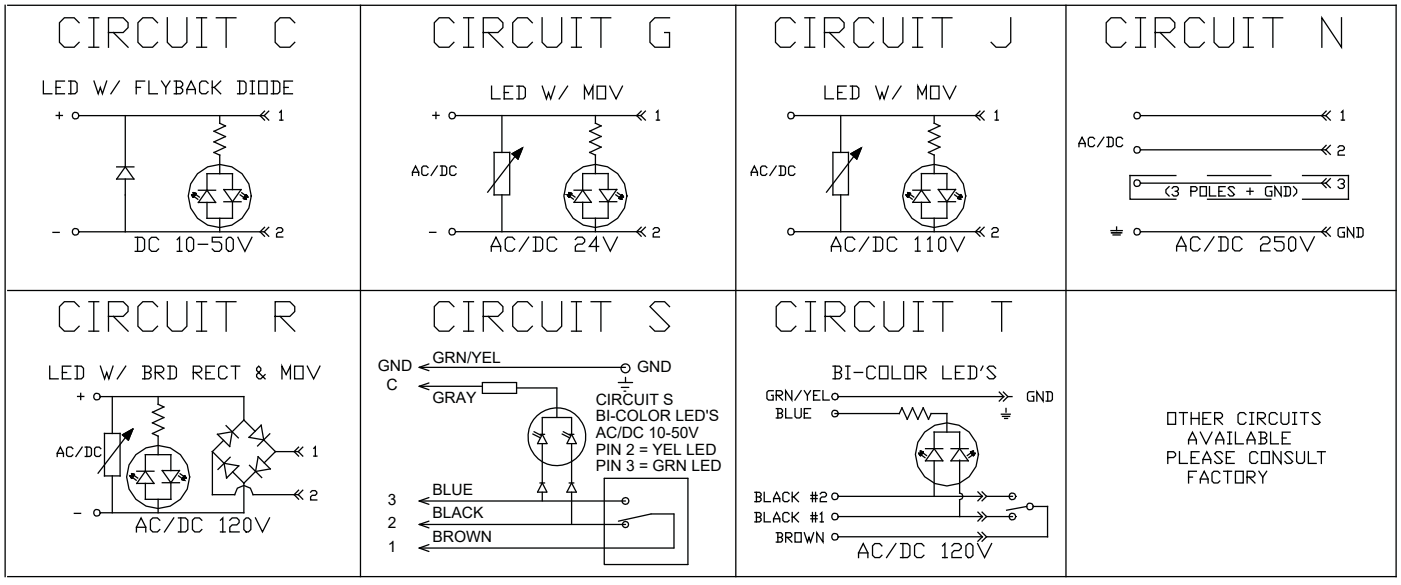
Solenoid Valve Accessories

Circuit Diagrams | Accessories | IP65 Rating

Male Bases: All connectors are made via solder tabs.					
View	**# of Poles**	**Maximum Conductor Size**	**Maximum Voltage**	**Material**	**Part Number**
	2 + Ground	16 AWG	250 VAC	Polyamide	VMA-020-00
	3 + Ground	16 AWG	250 VAC	Polyamide	VMA-030-00

Thumb Screws			
View	**Material**	**Part Number**	**Form Style**
	Nickel Plated Copper Alloy	V-25TB	Cable Version Form A (VA Series) Cable Version Form B (VB Series) Cable Version Industry Standard B (VD Series) Field Wireable Industry Standard C (VE Series)
	Nickel Plated Copper Alloy	V-30TB	Field Wireable Form A (VA Series) Field Wireable Form B (VB Series) Field Wireable Industry Standard B (VD Series)

All Valve Connectors come standard with mounting screws.



Valve Connectors with LEDs and surge suppression aides in diagnostics and protection of equipment.

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Solenoid Valve Connectors

Form A Solenoid Valve Field Wireable

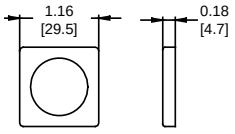


Form A | EN175301-803 | Field Wireable Plugs | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	Field Wireable		
				1/2" NPT	PG9	PG11
				Conduit	6 to 8 mm Cables	8 to 10 mm Cables
2 + Ground	250V AC/DC (Maximum)	None	Gray	N/A	VFN-029-00	VFN-021-00
			Black	VAN-022-00	VAN-029-00*	VAN-021-00*
	10-50V DC	LED w/ Flyback Diode	Clear	VAC-022-00	VAC-029-00	VAC-021-00
	24V AC/DC	LED w/ MOV	Clear	VAG-022-00	VAG-029-00	VAG-021-00
	110V AC/DC	LED w/ MOV	Clear	VAJ-022-00	VAJ-029-00	VAJ-021-00
	120V AC/DC	Bridge Rectifier w/ LED & MOV	Clear	VAR-022-00	VAR-029-00	VAR-021-00
3 + Ground	250V AC/DC (maximum)	None	Gray	N/A	VFN-039-00	VFN-031-00
			Black	VAN-032-00	VAN-039-00*	VAN-031-00*
	10-50V AC/DC	2-LED; Amber & Green	Clear	N/A	VAS-039-00	VAS-031-00
	120V AC/DC	2-LED; Amber & Green	Clear	N/A	VAT-039-00	VAT-031-00

* UL Recognized

The ground position is not applicable for field wireable versions.

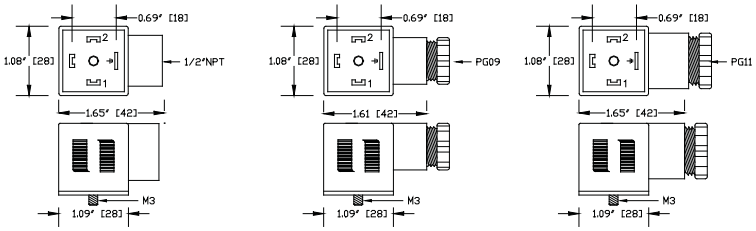
Formed Gasket	Material	Part Number
	Thermoplastic	V-GPRA

For V-GPRA formed gasket, replace a "-00" suffix with "-50".

Specifications:

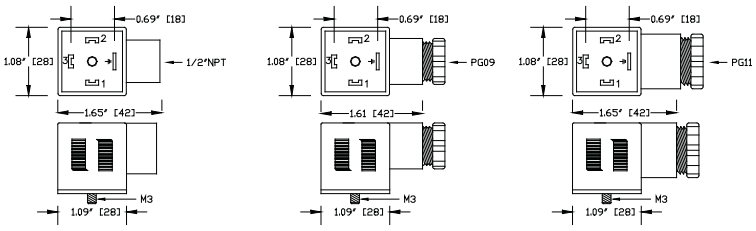
Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Range:	PG 9 - 6 to 8 mm PG 11 - 8 to 10 mm
Temperature:	Gray & Black: -40°C to 125°C (-40°F to +257°F) Clear: -25°C to 90°C (-13°F to 194°F)

2 Poles + Ground



1/2" NPT PG9 PG11

3 Poles + Ground



1/2" NPT PG9 PG11

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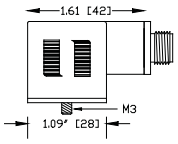
Solenoid Valve Connectors

Form A to M12 (MDC) Solenoid Valve Receptacles

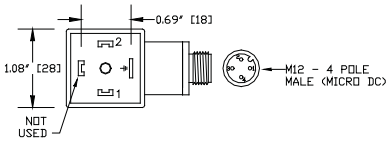
Form A to M12 (MDC) Male Receptacle | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) # of Poles	
				4 Pole	5 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VFN-029-3401	VFN-029-3501
			Black	VAN-029-3401	VAN-029-3501
	10-50V DC	LED w/ Flyback Diode	Clear	VAC-029-3401	VAC-029-3501
	24V AC/DC	LED w/ MOV	Clear	VAG-029-3401	VAG-029-3501
	110V AC/DC	LED w/ MOV	Clear	VAJ-029-3401	VAJ-029-3501
	120V AC/DC	Bridge Rectifier w/ LED & MOV	Clear	VAR-029-3401	VAR-029-3501

Two standard orientations are available. Please refer to the part number system shown above each drawing.

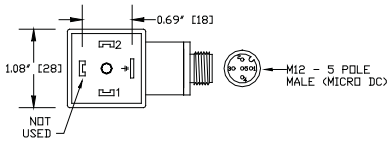


Vxx-029-3401

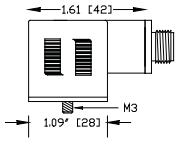


2 Poles + Ground
(Ground Receptacle Side)

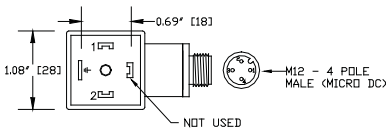
Vxx-029-3501



2 Poles + Ground
(Ground Receptacle Side)

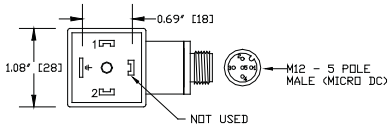


Vxx-089-3401



2 Poles + Ground
(Ground Opposite Receptacle Side)

Vxx-089-3501



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable O.D.:	PG 7 - 6 to 7 mm
Temperature:	Gray & Black: -40°C to 125°C (-40°F to +257°F) Clear: -25°C to 90°C (-13°F to 194°F)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	N/A	5
3 Not Used	1, 2 & 5 Not Used	1 & 2 Not Used

MDC Connector Specifications:

Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)

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Solenoid Valve Connectors

Form A Solenoid Valve Cordsets

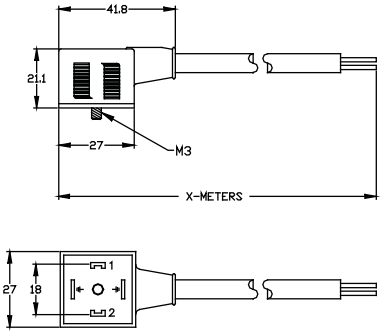


Form A | Cordset Version | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Cordsets		
			2 M	5 M	10M
2 + Ground**	250V AC/DC (Maximum)	None	VAN-220-00	VAN-520-00	VAN-A20-00
	10-50V DC	LED w/ Flyback Diode	VAC-220-00	VAC-520-00	VAC-A20-00
	24V AC/DC	LED w/ MOV	VAG-220-00	VAG-520-00	VAG-A20-00
	110V AC/DC	LED w/ MOV	VAJ-220-00	VAJ-520-00	VAJ-A20-00
	120V AC/DC	Bridge Rectifier w/ LED & MOV	VAR-220-00	VAR-520-00	VAR-A20-00
3 + Ground	250V AC/DC (maximum)	None	VAN-230-00	VAN-530-00	VAN-A30-00
	10-50V AC/DC	2-LED; Amber & Green	VAS-230-00	VAS-530-00	VAS-A30-00
	120V AC/DC	2-LED; Amber & Green	VAT-230-00	VAT-530-00	VAT-A30-00

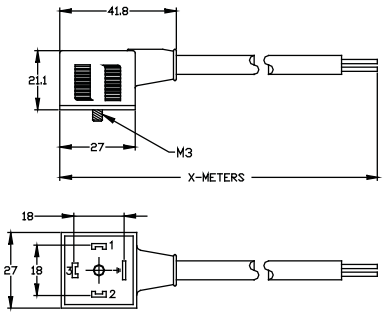
**2 Ground locations available for 2+ Ground Versions.
For cables with 3 + Ground, two standard orientations are available. Please refer to the part number system shown above each drawing.

Vxx-x2x-xx



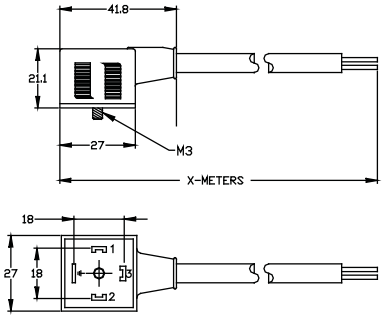
2 Poles + Ground
(Dual Ground)

Vxx-x3x-xx



3 Poles + Ground
(Ground Cable Side)

Vxx-x9x-xx



3 Poles + Ground
(Ground Opposite Cable Side)

Specifications:

Body:	TPE
Contacts:	Copper Alloy with Silver Plating
Gasket:	Built-in TPE
Screw:	Zinc Plated Steel
Cable:	Black PVC
2 Pole:	3x18 AWG; Cable O.D.: 0.26”
3 Pole:	4x18 AWG; Cable O.D.: 0.27”
Temperature:	DIN Cables: -25°C to 90°C (-13°F to +194°F)

Valve Pin #	Color Code	
	2 + Ground	3 + Ground
1	Brown	Brown
2	Blue	Black
3	N/A	Blue
Ground	Green/Yellow	Green/Yellow

See Page T-4 for VAS & VAT wiring.

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Solenoid Valve Connectors

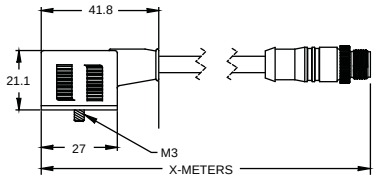
Form A to MDC (M12) Solenoid Valve Cordsets

Form A to MDC (M12) Male Plug | EN175301-803 | IP65 Rating

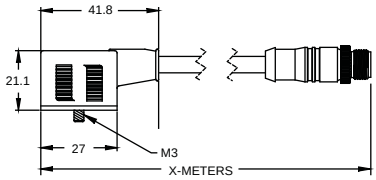
M12 (MDC) 4 Pole Cable								
# of Poles	Voltage	Circuitry	Straight Male			Right Angle Male		
			2 M	5 M	10 M	2M	5 M	10 M
2	250V AC/DC (Maximum)	None	VAN-220-3401	VAN-520-3401	VAN-A20-3401	VAN-220-3402	VAN-520-3402	VAN-A20-3402
	10-50V DC	LED w/ Flyback Diode	VAC-220-3401	VAC-520-3401	VAC-A20-3401	VAC-220-3402	VAC-520-3402	VAC-A20-3402
	24V AC/DC	LED w/ MOV	VAG-220-3401	VAG-520-3401	VAG-A20-3401	VAG-220-3402	VAG-520-3402	VAG-A20-3402
	110V AC/DC	LED w/ MOV	VAJ-220-3401	VAJ-520-3401	VAJ-A20-3401	VAJ-220-3402	VAJ-520-3402	VAJ-A20-3402
M12 (MDC) 5 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VAN-220-3501	VAN-520-3501	VAN-A20-3501	VAN-220-3502	VAN-520-3502	VAN-A20-3502
	10-50V DC	LED w/ Flyback Diode	VAC-220-3501	VAC-520-3501	VAC-A20-3501	VAC-220-3502	VAC-520-3502	VAC-A20-3502
	24V AC/DC	LED w/ MOV	VAG-220-3501	VAG-520-3501	VAG-A20-3501	VAG-220-3502	VAG-520-3502	VAG-A20-3502
	110V AC/DC	LED w/ MOV	VAJ-220-3501	VAJ-520-3501	VAJ-A20-3501	VAJ-220-3502	VAJ-520-3502	VAJ-A20-3502

For cables with 3 + Ground, two standard orientations are available. Please refer to the part number system shown above each drawing.
Other circuit options are available, please consult the factory.
Individual orders of less than 50 pieces will be manufactured using field wireable M12 connectors.

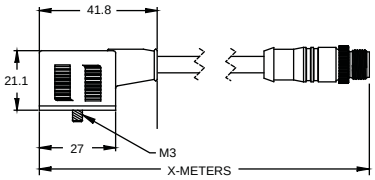
Vxx-x2x-3401



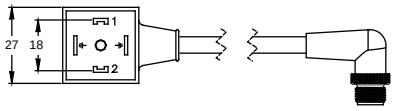
Vxx-x3x-3401



Vxx-x9x-3401

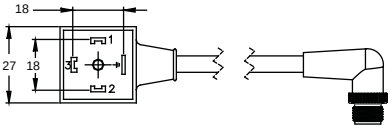


Vxx-x2x-3402



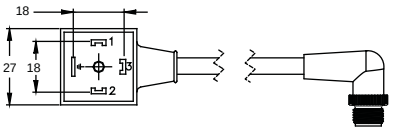
2 Poles + Ground
(Dual Ground)

Vxx-x3x-3402



3 Poles + Ground
(Ground Cable Side)

Vxx-x9x-3402



3 Poles + Ground
(Ground Opposite Cable Side)

DIN Connector Specifications:

Body:	TPE
Cable:	Black PVC
Contacts:	Copper Alloy with Silver Plating
Gasket:	Built in TPE
Screw:	Zinc Plated Steel
Temperature:	-25ºC to 90ºC (-13ºF to 194ºF)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40ºC to 80ºC (-40ºF to +176ºF)

M12 (MDC) 4 Pole	
Valve Pin #	M12 (MDC) Pin #
1	4
2	3
	1, 2 & 5 Not Used

2 + Ground to M12 (MDC) 5 Pole	
Valve Pin #	M12 (MDC) Pin #
1	4
2	3
Ground	5
	1, 2 Not Used
3 + Ground to M12 (MDC) 5 Pole	
	1 Not Used
1	4
2	3
3	2
Ground	5

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Solenoid Valve Connectors

Form B Solenoid Valve Connectors



Form B | EN175301-803 | Field Wireable Plugs | Cordsets | IP65 Rating

# of Poles	Voltage	Circuitry	Field Wireable		Cordsets		
			1/2" NPT Conduit	PG 9 6 to 8 mm	2 M	5 M	10 M
2 + Ground	250V AC/DC (Maximum)	None	N/A	VGN-029-00 (Gray)	N/A	N/A	N/A
			VBN-022-00 (Black)	VBN-029-00 (Black)	VBN-220-00	VBN-520-00	VBN-A20-00
	10-50V DC	LED w/ Flyback Diode	VBC-022-00 (Clear)	VBC-029-00 (Clear)	VBC-220-00	VBC-520-00	VBC-A20-00
	24V AC/DC	LED w/ MOV	VBG-022-00 (Clear)	VBG-029-00 (Clear)	VBG-220-00	VBG-520-00	VBG-A20-00
	110V AC/DC	LED w/ MOV	VBJ-022-00 (Clear)	VBJ-029-00 (Clear)	VBJ-220-00	VBJ-520-00	VBJ-A20-00

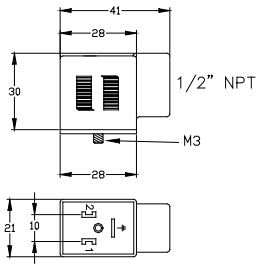
The ground position is not applicable for field wireable versions.

Two standard orientations are available for the cordset versions. Please refer to the part number system shown above each drawing.

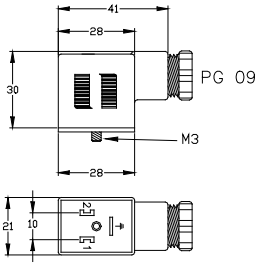
Field Wireable Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable O.D.:	PG 9 - 6 to 8 mm
Temperature:	Gray & Black: -40°C to 125°C (-40°F to +257°F) Clear: -25°C to 90°C (-13°F to 194°F)

1/2" NPT



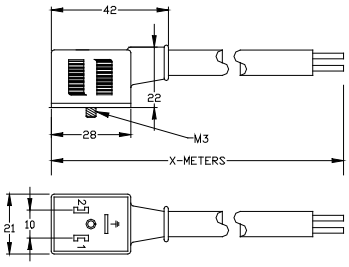
PG9



Cordset Version Specifications:

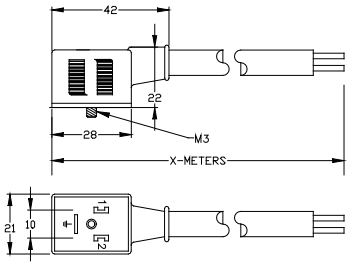
Body:	TPE
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Built-in TPE
Screw:	Zinc Plated Steel
Cable:	Black PVC
2 Pole:	3x18 AWG; Cable O.D.: 0.26"
Temperature:	-25°C to 90°C (-13°F to 194°F)

Vxx-x2x-xx



2 Poles + Ground
(Ground Cable Side)

Vxx-x8x-xx



2 Poles + Ground
(Ground Opposite Cable Side)

Valve Pin #	Color Code
1	Brown
2	Blue
Ground	Green/Yellow

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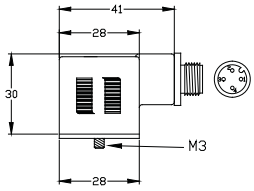
Solenoid Valve Connectors

Form B to M12 (MDC) Solenoid Valve Receptacles

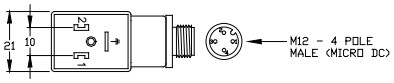
Form B to M12 (MDC) Male Receptacle | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) # of Poles	
				4 Pole	5 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VGN-029-3401	VGN-029-3501
			Black	VBN-029-3401	VBN-029-3501
	10-50V DC	LED w/ Flyback Diode	Clear	VBC-029-3401	VBC-029-3501
	24V AC/DC	LED w/ MOV	Clear	VBG-029-3401	VBG-029-3501
	110V AC/DC	LED w/ MOV	Clear	VBJ-029-3401	VBJ-029-3501

Two standard orientations are available. Please refer to the part number system shown above each drawing.

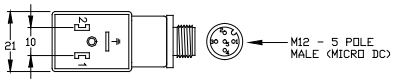


Vxx-029-3401

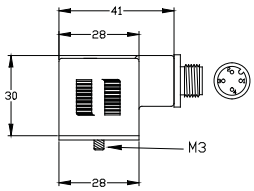


2 Poles + Ground
(Ground Receptacle Side)

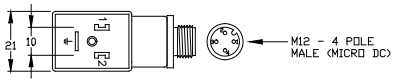
Vxx-029-3501



2 Poles + Ground
(Ground Receptacle Side)

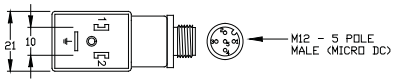


Vxx-089-3401



2 Poles + Ground
(Ground Opposite Receptacle Side)

Vxx-089-3501



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

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Solenoid Valve Connectors

Form B to M12 (MDC) Solenoid Valve Cordsets

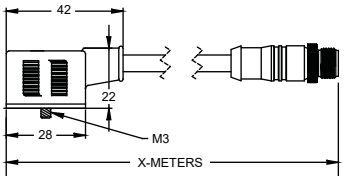


Form B to MDC (M12) Male Plug | EN175301-803 | IP65 Rating

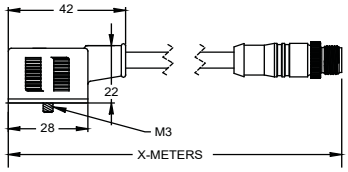
# of Poles	Voltage	Circuitry	Straight Male			Right Angle Male		
			2 M	5 M	10 M	2M	5 M	10 M
M12 (MDC) 4 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VBN-220-3401	VBN-520-3401	VBN-A20-3401	VBN-220-3402	VBN-520-3402	VBN-A20-3402
	10-50V DC	LED w/ Flyback Diode	VBC-220-3401	VBC-520-3401	VBC-A20-3401	VBC-220-3402	VBC-520-3402	VBC-A20-3402
	24V AC/DC	LED w/ MOV	VBG-220-3401	VBG-520-3401	VBG-A20-3401	VBG-220-3402	VBG-520-3402	VBG-A20-3402
	110V AC/DC	LED w/ MOV	VBJ-220-3401	VBJ-520-3401	VBJ-A20-3401	VBJ-220-3402	VBJ-520-3402	VBJ-A20-3402
M12 (MDC) 5 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VBN-220-3501	VBN-520-3501	VBN-A20-3501	VBN-220-3502	VBN-520-3502	VBN-A20-3502
	10-50V DC	LED w/ Flyback Diode	VBC-220-3501	VBC-520-3501	VBC-A20-3501	VBC-220-3502	VBC-520-3502	VBC-A20-3502
	24V AC/DC	LED w/ MOV	VBG-220-3501	VBG-520-3501	VBG-A20-3501	VBG-220-3502	VBG-520-3502	VBG-A20-3502
	110V AC/DC	LED w/ MOV	VBJ-220-3501	VBJ-520-3501	VBJ-A20-3501	VBJ-220-3502	VBJ-520-3502	VBJ-A20-3502

Two standard orientations are available. Please refer to the part number system shown above each drawing.
Individual orders of less than 50 pieces will be manufactured using field wireable M12 connectors.

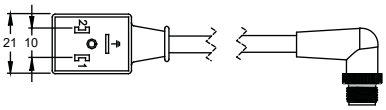
Vxx-x2x-3401



Vxx-x8x-3401

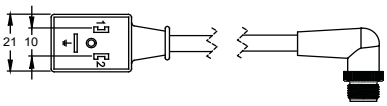


Vxx-x2x-3402



2 Poles + Ground
(Ground Cable Side)

Vxx-x8x-3402



2 Poles + Ground
(Ground Opposite Cable Side)

DIN Connector Specifications:

Body:	Polyamide
Cable :	Black PVC
Contacts:	Copper Alloy with Silver Plating
Gasket:	Built in TPE
Screw:	Zinc Plated Steel
Temperature:	-25ºC to 90ºC (-13ºF to 194ºF)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40ºC to 80ºC (-40ºF to +176ºF)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

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Solenoid Valve Connectors

Form B Solenoid Valve Field Connectors

Form B | Industry Standard | Field Wireable Plugs | Cordsets | IP65 Rating

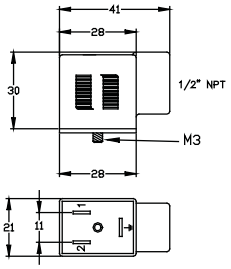
# of Poles	Voltage	Circuitry	Field Wireable		Cordsets		
			1/2" NPT Conduit	PG 9 6 to 8 mm	2 M	5 M	10 M
2 + Ground	250V AC/DC (Maximum)	None	N/A	VJN-029-00 (Gray)	VDN-220-00	VDN-520-00	VDN-A20-00
			VDN-022-00 (Black)	VDN-029-00* (Black)			
	10-50V DC	LED w/ Flyback Diode	VDC-022-00 (Clear)	VDC-029-00 (Clear)	VDC-220-00	VDC-520-00	VDC-A20-00
	24V AC/DC	LED w/ MOV	VDG-022-00 (Clear)	VDG-029-00 (Clear)	VDG-220-00	VDG-520-00	VDG-A20-00
	110V AC/DC	LED w/ MOV	VDJ-022-00 (Clear)	VDJ-029-00 (Clear)	VDJ-220-00	VDJ-520-00	VDJ-A20-00

* UL Recognized

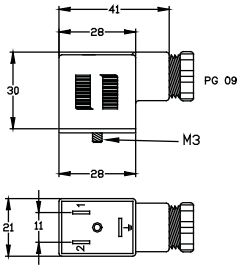
Two standard orientations are available for the VDC, VDG and VDJ cordset versions. Please refer to the part number system shown above each drawing. The ground position is not applicable for field wireable versions.

Valve Pin #	Color Code
1	Brown
2	Blue
Ground	Green/Yellow

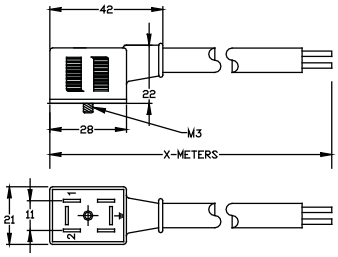
1/2" NPT



PG9

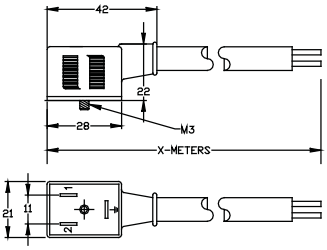


VDN-x2x-00



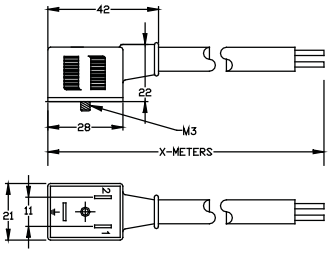
2 Poles + Ground
(Dual Ground)

Vxx-x2x-00



2 Poles + Ground
(Ground Cable Side)

Vxx-x8x-00



2 Poles + Ground
(Ground Opposite Cable Side)

Field Wireable Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable O.D.:	PG 9 - 6 to 8 mm
Temperature:	Gray & Black: -40ºC to 125ºC (-40ºF to +257ºF) Clear: -25ºC to 90ºC (-13ºF to 194ºF)

Cordset Version Specifications:

Body:	TPE
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Built-in TPE
Screw:	Zinc Plated Steel
Cable:	Black PVC
2 Pole:	3x18 AWG; Cable O.D.: 0.26"
Temperature:	-25ºC to 90ºC (-13ºF to 194ºF)

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Solenoid Valve Connectors

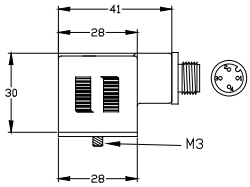
Form B to MDC (M12) Solenoid Valve Receptacles



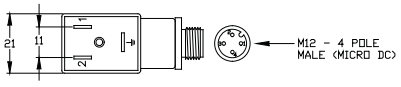
Form B to Micro-DC (M12) Male Receptacle | Industry Standard | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) # of Poles	
				4 Pole	5 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VJN-029-3401	VJN-029-3501
			Black	VDN-029-3401	VDN-029-3501
	10-50V DC	LED w/ Flyback Diode	Clear	VDC-029-3401	VDC-029-3501
	24V AC/DC	LED w/ MOV	Clear	VDG-029-3401	VDG-029-3501
	110V AC/DC	LED w/ MOV	Clear	VDJ-029-3401	VDJ-029-3501

Two standard orientations are available. Please refer to the part number system shown above each drawing.

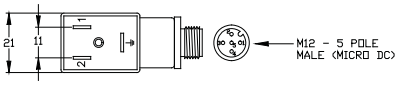


Vxx-029-3401

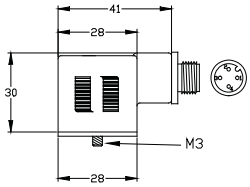


2 Poles + Ground
(Ground Receptacle Side)

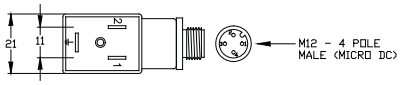
Vxx-029-3501



2 Poles + Ground
(Ground Receptacle Side)

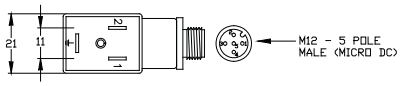


Vxx-089-3401



2 Poles + Ground
(Ground Opposite Receptacle Side)

Vxx-089-3501



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

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Solenoid Valve Connectors

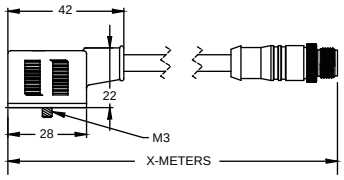
Form B to M12 (MDC) Solenoid Valve Cordsets

Form B to Micro-DC (M12) Male Plug | Industry Standard | IP65 Rating

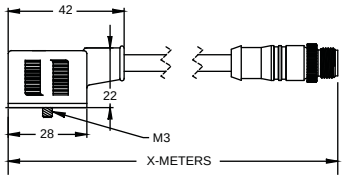
# of Poles	Voltage	Circuitry	Straight Male			Right Angle Male		
			2 M	5 M	10 M	2M	5 M	10 M
M12 (MDC) 4 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VDN-220-3401	VDN-520-3401	VDN-A20-3401	VDN-220-3402	VDN-520-3402	VDN-A20-3402
	10-50V DC	LED w/ Flyback Diode	VDC-220-3401	VDC-520-3401	VDC-A20-3401	VDC-220-3402	VDC-520-3402	VDC-A20-3402
	24V AC/DC	LED w/ MOV	VDG-220-3401	VDG-520-3401	VDG-A20-3401	VDG-220-3402	VDG-520-3402	VDG-A20-3402
	110V AC/DC	LED w/ MOV	VDJ-220-3401	VDJ-520-3401	VDJ-A20-3401	VDJ-220-3402	VDJ-520-3402	VDJ-A20-3402
M12 (MDC) 5 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VDN-220-3501	VDN-520-3501	VDN-A20-3501	VDN-220-3502	VDN-520-3502	VDN-A20-3502
	10-50V DC	LED w/ Flyback Diode	VDC-220-3501	VDC-520-3501	VDC-A20-3501	VDC-220-3502	VDC-520-3502	VDC-A20-3502
	24V AC/DC	LED w/ MOV	VDG-220-3501	VDG-520-3501	VDG-A20-3501	VDG-220-3502	VDG-520-3502	VDG-A20-3502
	110V AC/DC	LED w/ MOV	VDJ-220-3501	VDJ-520-3501	VDJ-A20-3501	VDJ-220-3502	VDJ-520-3502	VDJ-A20-3502

Two standard orientations are available for the VDG and VDJ versions. Please refer to the part number system shown above each drawing.
Individual orders of less than 50 pieces will be manufactured using field wireable M12 connectors.

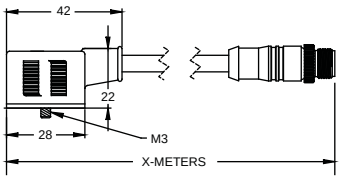
VDN-x2x-3401



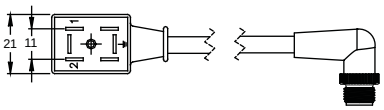
Vxx-x2x-3401



Vxx-x8x-3401

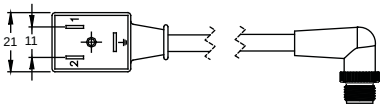


VDN-x2x-3402



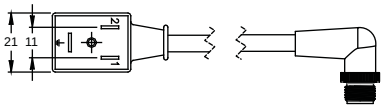
2 Poles + Ground
(Dual Ground)

Vxx-x2x-3402



2 Poles + Ground
(Ground Cable Side)

Vxx-x8x-3402



2 Poles + Ground
(Ground Opposite Cable Side)

DIN Connector Specifications:

Body:	Polyamide
Cable :	Black PVC
Contacts:	Copper Alloy with Silver Plating
Gasket:	Built in TPE
Screw:	Zinc Plated Steel
Temperature:	-25ºC to 90ºC (-13ºF to 194ºF)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40ºC to 80ºC (-40ºF to +176ºF)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

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Solenoid Valve Connectors

Form C Solenoid Valve Connectors



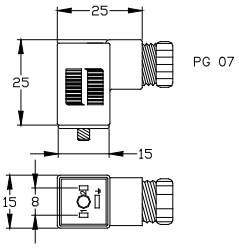
Form C | EN175301-803 | Field Wireable Plugs | Cordsets | IP65 Rating

# of Poles	Voltage	Circuitry	Field Wireable	Cordsets		
			PG 7 6 to 7 mm	2 M	5 M	10 M
2 + Ground**	250V AC/DC (Maximum)	None	VHN-027-00 (Gray)	VCN-220-00	VCN-520-00	VCN-A20-00
			VCN-027-00 (Black)			
	10-50V DC	LED w/ Flyback Diode	VCC-027-00 (Clear)	VCC-220-00	VCC-520-00	VCC-A20-00
	24V AC/DC	LED w/ MOV	VCG-027-00 (Clear)	VCG-220-00	VCG-520-00	VCG-A20-00
	110V AC/DC	LED w/ MOV	VCJ-027-00 (Clear)	VCJ-220-00	VCJ-520-00	VCJ-A20-00
3 + Ground	250V AC/DC (Maximum)	None	VHN-037-00 (Gray)	VCN-230-00	VCN-530-00	VCN-A30-00
			VCN-037-00 (Black)			

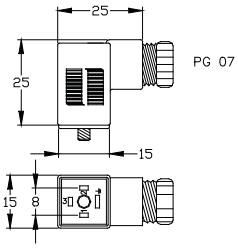
**2 Ground locations available for 2+ Ground Versions.
For cables with 3 + Ground, two standard orientations are available. Please refer to the part number system shown above each drawing.
The ground position is not applicable for field wireable versions.

Valve Pin #	Color Code	
	2 + Ground	3 + Ground
1	Brown	Brown
2	Blue	Gray
3	N/A	Black
Ground	Green/Yellow	Green/Yellow

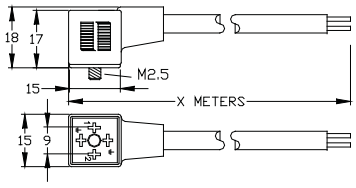
2 Poles + Ground



3 Poles + Ground

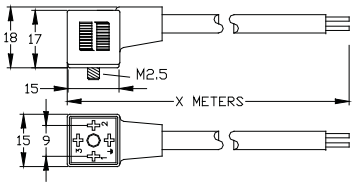


Vxx-x2x-00



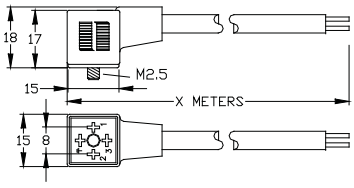
2 Poles + Ground
(Dual Ground)

Vxx-x3x-00



3 Poles + Ground
(Ground Cable Side)

Vxx-x9x-00



3 Poles + Ground
(Ground Opposite Cable Side)

Field Wireable Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable O.D.:	PG 7 - 6 to 7 mm
Temperature:	Gray & Black: -40°C to 125°C (-40°F to +257°F) Clear: -25°C to 90°C (-13°F to 194°F)

Cordset Version Specifications:

Body:	Black Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable:	Black PVC
2 Pole:	3x20 AWG; Cable O.D.: 0.22”
3 Pole:	4x20 AWG; Cable O.D.: 0.23”
Temperature:	-25°C to 90°C (-13°F to 194°F)

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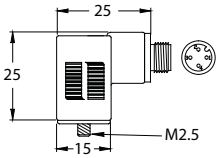
Solenoid Valve Connectors

Form C to M12 (MDC) Solenoid Valve Receptacles

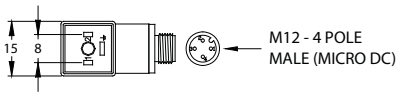
Form C to M12 (MDC) Male Receptacle | EN175301-803 | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) 4 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VHN-027-3401
			Black	VCN-027-3401
	10-50V DC	LED w/ Flyback Diode	Clear	VCC-027-3401
	24V AC/DC	LED w/ MOV	Clear	VCG-027-3401
	110V AC/DC	LED w/ MOV	Clear	VCJ-027-3401

Two standard orientations are available. Please refer to the part number system shown above each drawing.

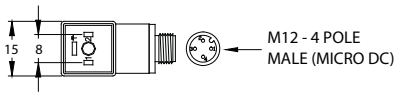


Vxx-027-3401



2 Poles + Ground
(Ground Receptacle Side)

Vxx-087-3401



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)

Valve Connectors	M12 (MDC) 4 Pole PIN #
1	4
2	3
Ground	Not Used
	1, 2 & 5 Not Used

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Solenoid Valve Connectors

Form C to MDC (M12) Solenoid Valve Cordsets

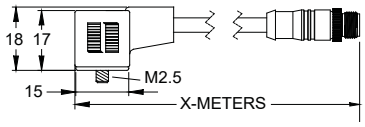


Form C to Micro-DC (M12) Male Plugs | EN175301-803 | IP65 Rating

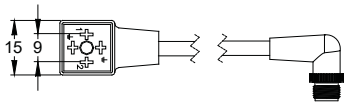
M12 (MDC) 4 Pole Cable								
# of Poles	Voltage	Circuitry	Straight Male			Right Angle Male		
			2 M	5 M	10 M	2M	5 M	10 M
2 + Ground	250V AC/DC (Maximum)	None	VCN-220-3401	VCN-520-3401	VCN-A20-3401	VCN-220-3402	VCN-520-3402	VCN-A20-3402
	10-50V DC	LED w/ Flyback Diode	VCC-220-3401	VCC-520-3401	VCC-A20-3401	VCC-220-3402	VCC-520-3402	VCC-A20-3402
	24V AC/DC	LED w/ MOV	VCG-220-3401	VCG-520-3401	VCG-A20-3401	VCG-220-3402	VCG-520-3402	VCG-A20-3402
	110V AC/DC	LED w/ MOV	VCJ-220-3401	VCJ-520-3401	VCJ-A20-3401	VCJ-220-3402	VCJ-520-3402	VCJ-A20-3402
M12 (MDC) 5 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VCN-220-3501	VCN-520-3501	VCN-A20-3501	VCN-220-3502	VCN-520-3502	VCN-A20-3502
	10-50V DC	LED w/ Flyback Diode	VCC-220-3501	VCC-520-3501	VCC-A20-3501	VCC-220-3502	VCC-520-3502	VCC-A20-3502
	24V AC/DC	LED w/ MOV	VCG-220-3501	VCG-520-3501	VCG-A20-3501	VCG-220-3502	VCG-520-3502	VCG-A20-3502
	110V AC/DC	LED w/ MOV	VCJ-220-3501	VCJ-520-3501	VCJ-A20-3501	VCJ-220-3502	VCJ-520-3502	VCJ-A20-3502

Individual orders of less than 50 pieces will be manufactured using field wireable M12 connectors.

Vxx-x2x-3401



Vxx-x2x-3402



2 Poles + Ground
(Dual Ground)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

DIN Connector Specifications:

Body:	Polyamide
Cable:	Black PVC
Contacts:	Copper Alloy with Silver Plating
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40°C to 80°C (-40°F to +176°F)

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Solenoid Valve Connectors

Form C Solenoid Valve Field Connectors

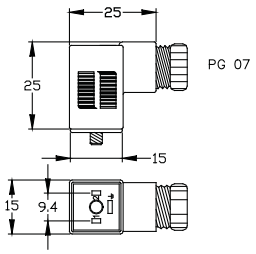
Form C | Industry Standard | Field Wireable Plugs | Cordsets | IP65 Rating

# of Poles	Voltage	Circuitry	Field Wireable	Cordsets		
			PG 7 6 to 7 mm	2 M	5 M	10 M
2 + Ground**	250V AC/DC (Maximum)	None	VKN-027-00 (Gray)	VEN-220-00	VEN-520-00	VEN-A20-00
			VEN-027-00 (Black)			
	10-50V DC	LED w/ Flyback Diode	VEC-027-00 (Clear)	VEC-220-00	VEC-520-00	VEC-A20-00
	24V AC/DC	LED w/ MOV	VEG-027-00 (Clear)	VEG-220-00	VEG-520-00	VEG-A20-00
	110V AC/DC	LED w/ MOV	VEJ-027-00 (Clear)	VEJ-220-00	VEJ-520-00	VEJ-A20-00
3 + Ground	250V AC/DC (Maximum)	None	VKN-037-00 (Gray)	VEN-230-00	VEN-530-00	VEN-A30-00
			VEN-037-00 (Black)			

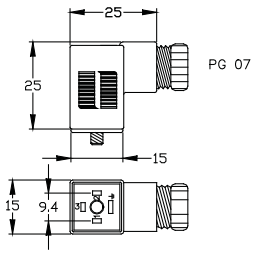
**2 Ground locations available for 2+ Ground Versions.
For cables with 3 + Ground, two standard orientations are available. Please refer to the part number system shown above each drawing.
The ground position is not applicable for field wireable versions.

Valve Pin #	Color Code	
	2 + Ground	3 + Ground
1	Brown	Brown
2	Blue	Gray
3	N/A	Black
Ground	Green/Yellow	Green/Yellow

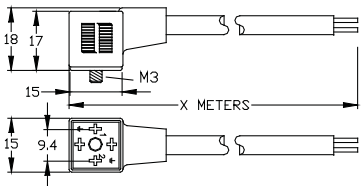
2 Poles + Ground



3 Poles + Ground

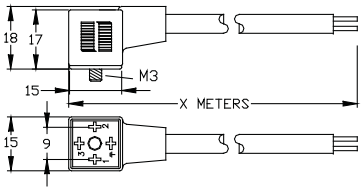


Vxx-x2x-00



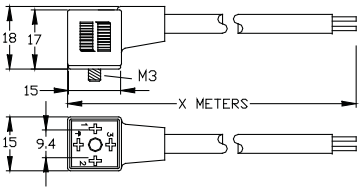
2 Poles + Ground
(Dual Ground)

Vxx-x3x-00



3 Poles + Ground
(Ground Cable Side)

Vxx-x9x-00



3 Poles + Ground
(Ground Opposite Cable Side)

Field Wireable Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable O.D.:	PG 7 - 6 to 7 mm
Temperature:	Gray & Black: -40°C to 125°C (-40°F to +257°F) Clear: -25°C to 90°C (-13°F to 194°F)

Cordset Version Specifications:

Body:	Black Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Cable:	Black PVC
2 Pole:	3x20 AWG; Cable O.D.: 0.22”
3 Pole:	4x20 AWG; Cable O.D.: 0.23”
Temperature:	-25°C to 90°C (-13°F to 194°F)

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Solenoid Valve Connectors

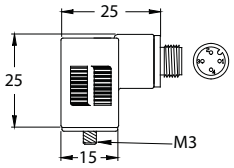
Form C to M12 (MDC) Solenoid Valve Receptacles



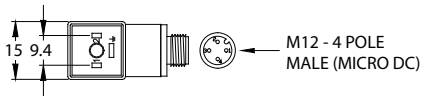
Form C to M12 (MDC) Male Receptacle | Industry Standard | IP65 Rating

# of Poles	Voltage	Circuitry	Housing Color	M12 (MDC) 4 Pole
2 + Ground	250V AC/DC (Maximum)	None	Gray	VKN-027-3401
			Black	VEN-027-3401
	10-50V DC	LED w/ Flyback Diode	Clear	VEC-027-3401
	24V AC/DC	LED w/ MOV	Clear	VEG-027-3401
	110V AC/DC	LED w/ MOV	Clear	VEJ-027-3401

Two standard orientations are available. Please refer to the part number system shown above each drawing.

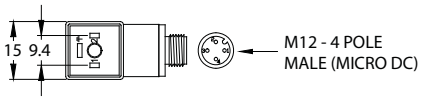


Vxx-027-3401



2 Poles + Ground
(Ground Receptacle Side)

Vxx-087-3401



2 Poles + Ground
(Ground Opposite Receptacle Side)

DIN Connector Specifications:

Body:	Polyamide
Contacts:	Copper Alloy with Silver Plating
Insert:	Polyamide
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Ring:	BUNA-N
Temperature:	-40°C to 80°C (-40°F to +176°F)

Valve Connectors	M12 (MDC) 4 Pole PIN #
1	4
2	3
Ground	Not Used
	1, 2 & 5 Not Used

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Solenoid Valve Connectors

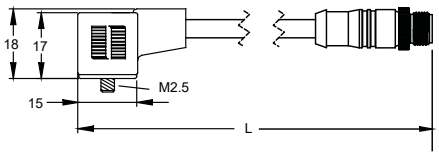
Form C to M12 (MDC) Solenoid Valve Cordsets

Form C to Micro-DC (M12) Male Plug | Industry Standard | IP65 Rating

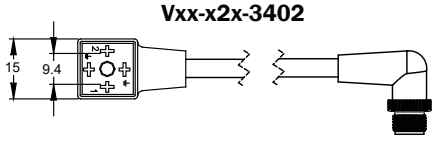
M12 (MDC) 4 Pole Cable								
# of Poles	Voltage	Circuitry	Straight Male			Right Angle Male		
			2 M	5 M	10 M	2M	5 M	10 M
2 + Ground	250V AC/DC (Maximum)	None	VEN-220-3401	VEN-520-3401	VEN-A20-3401	VEN-220-3402	VEN-520-3402	VEN-A20-3402
	10-50V DC	LED w/ Flyback Diode	VEC-220-3401	VEC-520-3401	VEC-A20-3401	VEC-220-3402	VEC-520-3402	VEC-A20-3402
	24V AC/DC	LED w/ MOV	VEG-220-3401	VEG-520-3401	VEG-A20-3401	VEG-220-3402	VEG-520-3402	VEG-A20-3402
	110V AC/DC	LED w/ MOV	VEJ-220-3401	VEJ-520-3401	VEJ-A20-3401	VEJ-220-3402	VEJ-520-3402	VEJ-A20-3402
M12 (MDC) 5 Pole Cable								
2 + Ground	250V AC/DC (Maximum)	None	VEN-220-3501	VEN-520-3501	VEN-A20-3501	VEN-220-3502	VEN-520-3502	VEN-A20-3502
	10-50V DC	LED w/ Flyback Diode	VEC-220-3501	VEC-520-3501	VEC-A20-3501	VEC-220-3502	VEC-520-3502	VEC-A20-3502
	24V AC/DC	LED w/ MOV	VEG-220-3501	VEG-520-3501	VEG-A20-3501	VEG-220-3502	VEG-520-3502	VEG-A20-3502
	110V AC/DC	LED w/ MOV	VEJ-220-3501	VEJ-520-3501	VEJ-A20-3501	VEJ-220-3502	VEJ-520-3502	VEJ-A20-3502

Individual orders of less than 50 pieces will be manufactured using field wireable M12 connectors.

Vxx-x2x-3401



Vxx-x2x-3402



2 Poles + Ground
(Dual Ground)

Valve Connectors	M12 (MDC) 4 Pole PIN #	M12 (MDC) 5 Pole PIN #
1	4	4
2	3	3
Ground	Not Used	5
	1, 2 & 5 Not Used	1 & 2 Not Used

DIN Connector Specifications:

Body:	Polyamide
Cable:	Black PVC
Contacts:	Copper Alloy with Silver Plating
Gasket:	Thermoplastic
Screw:	Zinc Plated Steel
Temperature:	-25°C to 90°C (-13°F to 194°F)

MDC Connector Specifications:

Body:	Oil Resistant Black PVC
Coupling Nut:	Nickel Plated Brass
Insulator:	Polyamide
Contacts:	Copper Alloy with Gold Plating
Temperature:	-40°C to 80°C (-40°F to +176°F)

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Cable Glands

RoHS Compliance

UL File #:
E363825

A cable gland is a device that allows the user to pass a cable, wire or tube into an enclosure while providing strain relief and sealing out dust, dirt and liquids. Mencom offers a wide variety of cable glands, from very small (PG7) to very large (M63). Our line of cable glands include plastic and metal varieties with NPT, Metric and PG threading and they are rated to IP68 up to 5 bar that can be used permanently under water up to 5 atmospheres. The sealing around the cable is achieved through the sealing grommet. The sealing against the enclosure is achieved through either an O-Ring (all metal glands and PG29 and larger plastic glands), or, through some raised rings on the underside of the hex nut (all plastic glands up to and including PG21).



Special Applications

- EMI Shielding Brass Cable Glands
- Strain Relief Cable Glands
- Explosion-Proof Plastic Cable Glands
- Cable Entry System



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Cable Glands

RoHS Compliance

Contents

NPT Threads
- Brass U-3
- Plastic U-4
- Accessories
  - Nuts U-5

PG Threads
- Brass U-6
- Plastic U-7
- Plastic Right Angle U-8
- EMI Shielding Brass U-9
- Clamping U-10
- Accessories
  - Nuts U-11
  - Blanking Plugs & Blind Plugs U-12
  - Adapters U-13
  - Reducers & Enlargers U-14

Metric Threads
- Brass U-15
- Plastic U-16
- Dual Grommet Plastic U-17
- EMI Shielding Brass U-18
- Explosion-Proof Brass
  - Brass U-19
  - Plastic U-20
- Accessories
  - Nuts U-21
  - Plugs U-22
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  - Reducers & Enlargers U-24

Other Cable Glands
- Flat & Festoon Cable U-25
- ASI Cable U-26
- Sealing Glands
  - Click Seal U-27
  - PG Holes U-28
  - Metric Holes U-28

Multi-Hole Cable Gland Inserts ..... U-29 ~ U-31

O-Rings U-32

Cable Entry System
- Plate KADP U-33
- System KADL U-34

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Cable Glands

NPT Threads Cable Glands

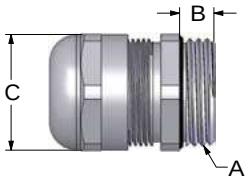


Standard Brass Cable Glands | NPT Threads | Shielded | IP68 Rating

Part Number	UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCG-3/8	UL Recognized	3 - 9 (0.118 - 0.354)	17.1 (0.675)	3/8" NPT	8 (0.315)	20 (0.79)
MCG-1/2	UL Recognized	5 - 13 (0.197 - 0.512)	21.0 (0.825)	1/2" NPT	10 (0.394)	24 (0.94)
MCG-3/4	UL Recognized	8 - 16 (0.315 - 0.630)	26.7 (1.050)	3/4" NPT	11 (0.433)	30 (1.18)
MCG-1.0	UL Recognized	12 - 21 (0.472 - 0.827)	34.3 (1.350)	1" NPT	14 (0.551)	40 (1.57)
MCG-1.25	UL Recognized	16 - 27 (0.630 - 1.063)	41.9 (1.650)	1.25" NPT	14 (0.551)	50 (1.97)
MCG-1.5	UL Recognized	21 - 35 (0.827 - 1.378)	49.5 (1.950)	1.5" NPT	15 (0.591)	55 (2.17)
MCG-2.0	UL Recognized	27 - 48 (1.063 - 1.890)	61.0 (2.400)	2" NPT	15 (0.591)	65 (2.56)

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68 (comparable to NEMA 6P).



NPT style cable glands are not supplied with nuts. Nuts can be ordered separately, see page U-5.

Materials:

Body:	Nickel Plated Brass
Insert:	Polyamide
Seal:	Neoprene
O-Ring:	BUNA-N



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Cable Glands

NPT Threads Cable Glands

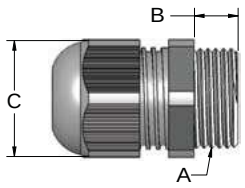
Standard Plastic Cable Glands | NPT Threads | IP68 Rating

Part Number		UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
Gray	Black						
PCG-3/8R	PCG-3/8R-B	UL Recognized	3 - 7 (0.118 - 0.276)	17.1 (0.675)	3/8" NPT	15.5 (0.610)	22 (0.87)
PCG-3/8	PCG-3/8-B	UL Recognized	5 - 10 (0.197 - 0.394)	17.1 (0.675)	3/8" NPT	15.5 (0.610)	22 (0.87)
PCG-1/2X	PCG-1/2X-B	UL Recognized	5 - 9 (0.197 - 0.354)	21.0 (0.825)	1/2" NPT	14.5 (0.571)	24 (0.94)
PCG-1/2Y	PCG-1/2Y-B	UL Recognized	6 - 12 (0.236 - 0.472)	21.0 (0.825)	1/2" NPT	14.5 (0.571)	24 (0.94)
PCG-1/2R	PCG-1/2R-B	UL Recognized	7 - 12 (0.276 - 0.472)	21.0 (0.825)	1/2" NPT	15 (0.591)	27 (1.06)
PCG-1/2	PCG-1/2-B	UL Recognized	10 -14 (0.394 - 0.551)	21.0 (0.825)	1/2" NPT	15 (0.591)	27 (1.06)
PCG-1/2E	PCG-1/2E-B	UL Recognized	13 - 18 (0.512 - 0.709)	21.0 (0.825)	1/2" NPT	15 (0.591)	33 (1.30)
PCG-3/4R	PCG-3/4R-B	UL Recognized	9 - 16 (0.354 - 0.630)	26.7 (1.050)	3/4" NPT	15 (0.591)	33 (1.30)
PCG-3/4	PCG-3/4-B	UL Recognized	14 - 18 (0.551 - 0.709)	26.7 (1.050)	3/4" NPT	15 (0.591)	33 (1.30)
PCG-1.0R	PCG-1.0R-B	UL Listed	12 - 20 (0.472 - 0.787)	34.3 (1.350)	1" NPT	18 (0.709)	42 (1.65)
PCG-1.0	PCG-1.0-B	UL Recognized	19 - 25 (0.748 - 0.984)	34.3 (1.350)	1" NPT	18 (0.709)	42 (1.65)
PCG-1.25R	PCG-1.25R-B	UL Recognized	20 - 26 (0.787 - 1.024)	41.9 (1.650)	1.25" NPT	18 (0.709)	53 (2.09)
PCG-1.25	PCG-1.25-B	UL Listed	22 - 32 (0.866 - 1.260)	41.9 (1.650)	1.25" NPT	18 (0.709)	53 (2.09)

For the flex style version, add "S" to the part number (e.g. PCG-1/2R-BS). Flex styles are not available on the PCG-1.0 or 1.25 versions.

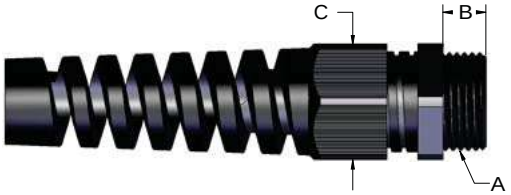
Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

NPT style cable glands are not supplied with nuts. Nuts can be ordered separately, see page U-5.

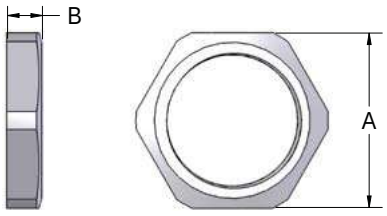
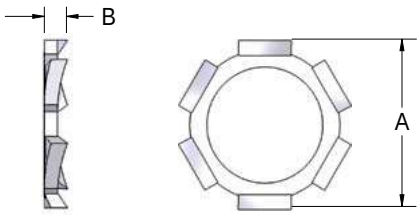


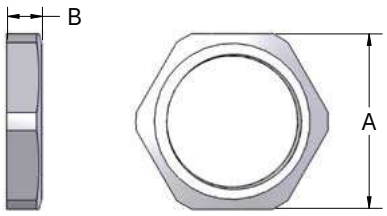
Materials:

Body: Polyamide
Seal: Neoprene



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Metal Nuts				
Part Number	**Thread Type**	**A mm (inches)**	**B mm (inches)**	**Style**
214M	1/4" NPT	17.5 (0.69)	3.3 (0.13)	 **Material:** Zinc Plated Steel
238M	3/8" NPT	20.1 (0.79)	3.0 (0.12)	
212M	1/2" NPT	28.4 (1.12)	3.3 (0.13)	 **Material:** Zinc Plated Steel
234M	3/4" NPT	35.1 (1.38)	3.8 (0.15)	
210M	1" NPT	42.9 (1.69)	5.1 (0.20)	

Plastic Nuts					
Part Number		**Thread Type**	**A mm (inches)**	**B mm (inches)**	**Style**
Gray	**Black**				
238PA	238PASW	3/8" NPT	22 (0.87)	5 (0.20)	 **Material:** Polyamide
212PA	212PASW	1/2" NPT	27 (1.06)	6 (0.24)	
234PA	234PASW	3/4" NPT	36 (1.42)	7 (0.28)	
210PA	210PASW	1" NPT	42 (1.65)	7 (0.28)	



Cable Glands

PG Threads Cable Glands

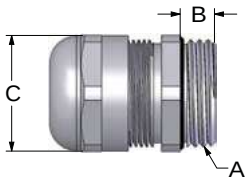
Standard Brass Cable Glands | PG Threads | IP68 Rating

Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCG-07R	2 - 5 (0.079 - 0.196)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCG-07	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCG-09R	2 - 6 (0.079-.236)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCG-09	4 - 8 (.157-.315)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCG-11R	3 - 7 (.118-.275)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCG-11	5 - 10 (.197-.393)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCG-13.5R	5 - 9 (.197-.354)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCG-13.5	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCG-16R	7 - 12 (.276-.472)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCG-16	10 - 14 (.394-.551)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCG-21R	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCG-21	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCG-29R	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCG-29	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCG-36R	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCG-36	24 - 32 (.945-1.26)	47.5 (1.870	PG 36	9 (.354)	50 (1.968)
MCG-42R	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCG-42	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCG-48R	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)
MCG-48	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)

Longer thread length 15mm (0.590") is available, add "L" to the end of the part number (e.g. MCG-21L).

Mencom cable glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

An O-Ring and Locking Nut are supplied on all PG threaded metal cable glands.



Materials:

Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

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Cable Glands

PG Threads Cable Glands

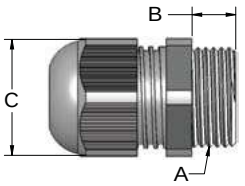


Standard Plastic Cable Glands | PG Threads | IP68 Rating

Part Number		UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
Gray	Black						
PCG-07R	PCG-07R-B	N/A	2 - 5 (.079-.196)	12.7 (.500)	PG 7	8 (.315)	15 (.591)
PCG-07	PCG-07-B	UL Recognized	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	8 (.315)	15 (.591)
PCG-09R	PCG-09R-B	N/A	2 - 6 (.079-.236)	15.4 (.606)	PG 9	8 (.315)	19 (.748)
PCG-09	PCG-09-B	UL Recognized	4 - 8 (.157-.315)	15.4 (.606)	PG 9	8 (.315)	19 (.748)
PCG-11R	PCG-11R-B	N/A	3 - 7 (.118-.275)	18.8 (.740)	PG 11	8 (.315)	22 (.866)
PCG-11	PCG-11-B	UL Recognized	5 - 10 (.197-.393)	18.8 (.740)	PG 11	8 (.315)	22 (.866)
PCG-13.5R	PCG-13.5R-B	UL Recognized	5 - 9 (.197-.354)	20.7 (.815)	PG 13.5	9 (.354)	24 (.945)
PCG-13.5	PCG-13.5-B	UL Recognized	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	9 (.354)	24 (.945)
PCG-16R	PCG-16R-B	N/A	7 - 12 (.276-.472)	22.8 (.900)	PG 16	10 (.394)	27 (1.06)
PCG-16	PCG-16-B	UL Listed	10 - 14 (.394-.551)	22.8 (.900)	PG 16	10 (.394)	27 (1.06)
PCG-21R	PCG-21R-B	N/A	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	11 (.433)	33 (1.30)
PCG-21	PCG-21-B	UL Recognized	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	11 (.433)	33 (1.30)
PCG-29R	PCG-29R-B	UL Listed	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	11 (.433)	42 (1.65)
PCG-29	PCG-29-B	UL Listed	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	11 (.433)	42 (1.65)
PCG-36R	PCG-36R-B	UL Listed	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	13 (.512)	53 (2.09)
PCG-36	PCG-36-B	UL Listed	22 - 32 (.866-1.26)	47.5 (1.870)	PG 36	13 (.512)	53 (2.09)
PCG-42R	PCG-42R-B	UL Listed	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	13 (.512)	60 (2.36)
PCG-42	PCG-42-B	UL Listed	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	13 (.512)	60 (2.36)
PCG-48R	PCG-48R-B	UL Listed	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	14 (.552)	65 (2.60)
PCG-48	PCG-48-B	UL Listed	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	14 (.552)	65 (2.60)

The Flex Style Version of UL recognized parts are also UL recognized. The Flex Style Version of UL listed parts are not listed or recognized. For the Flex Style Version, add "S" to the part number (e.g. PCG-16R-BS). Flex Styles are not available on the PCG-29 to PCG-48 versions.

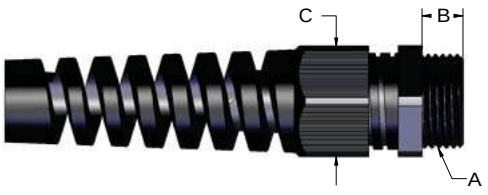
Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.



A Locking Nut is supplied on all PG threaded parts. O-Rings are not required to maintain a seal on sizes PG 7 to PG 21, but are supplied on size PG 29 and larger.

Materials:

Body: Polyamide
Insert: Polyamide
Seal: Neoprene



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



Cable Glands

PG Threads Cable Glands

Plastic Right Angle Cable Glands | PG Threads | IP68 Rating

Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Height mm (inches)	D Length mm (inches)	F Wrench Flats mm (inches)	G Wrench Flats mm (inches)
PCGA-07R	2 - 6 (0.079 - 0.236)	12.7 (0.500)	PG 7	8 (0.315)	26 (1.02)	38.5 (1.516)	15 (0.591)	19 (0.748)
PCGA-07	4 - 8 (0.157 - 0.315)	12.7 (0.500)	PG 7	8 (0.315)	26 (1.02)	38.5 (1.516)	15 (0.591)	19 (0.748)
PCGA-09R	3 - 7 (0.118 - 0.276)	15.4 (0.606)	PG 9	8 (0.315)	29 (1.14)	47 (1.850)	19 (0.748)	22 (0.866)
PCGA-09	5 - 10 (0.197 - 0.394)	15.4 (0.606)	PG 9	8 (0.315)	29 (1.14)	47 (1.850)	19 (0.748)	22 (0.866)
PCGA-11R	5 - 7 (0.197 - 0.276)	18.8 (0.740)	PG 11	8 (0.315)	31.3 (1.23)	51 (2.008)	22 (0.866)	24 (0.945)
PCGA-11	6 - 12 (0.236 - 0.472)	18.8 (0.740)	PG 11	8 (0.315)	31.3 (1.23)	51 (2.008)	22 (0.866)	24 (0.945)
PCGA-13.5R	7 - 12 (0.276 - 0.472)	20.7 (0.815)	PG 13.5	9 (0.354)	34 (1.34)	54.7 (2.154)	24 (0.945)	27 (1.063)
PCGA-13.5	10 - 14 (0.394 - 0.551)	20.7 (0.815)	PG 13.5	9 (0.354)	34 (1.34)	54.7 (2.154)	24 (0.945)	27 (1.063)
PCGA-16	8 - 17 (0.315 - 0.669)	22.8 (0.900)	PG 16	10 (0.394)	38.2 (1.50)	57 (2.241)	27 (1.063)	29 (1.142)
PCGA-21	12 - 21 (0.472 - 0.827)	28.6 (1.125)	PG 21	11 (0.433)	45.7 (1.80)	71 (2.795)	33 (1.299)	36 (1.417)
PCGA-29	16 -28 (0.629 - 1.102)	37.4 (1.475)	PG 29	11 (0.433)	57 (2.24)	85 (3.346)	42 (1.654)	46 (1.811)

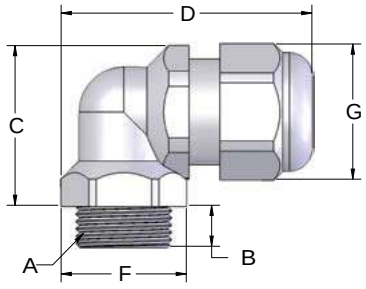
Standard color is gray. For black, add “-B” to the end of the part number (e.g. PCGA-09R-B).

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all PG threaded parts.

Materials:

Body: Polyamide
Seal: Neoprene



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Cable Glands

PG Threads Cable Glands

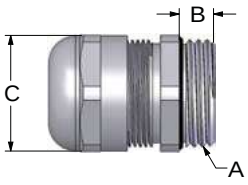


EMI Shielding Brass Cable Glands | PG Threads | IP68 Rating

Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCGB-07R	2 - 5 (.079-.196)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCGB-07	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCGB-09R	2 - 6 (.079-.236)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCGB-09	4 - 8 (.157-.315)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCGB-11R	3 - 7 (.118-.275)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCGB-11	5 - 10 (.197-.393)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCGB-13.5R	5 - 9 (197-.354)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCGB-13.5	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCGB-16R	7 - 12 (.276-.472)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCGB-16	10 - 14 (.394-.551)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCGB-21R	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCGB-21	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCGB-29R	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCGB-29	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCGB-36R	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCGB-36	24 - 32 (.866-1.26)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCGB-42R	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCGB-42	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCGB-48R	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)
MCGB-48	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68 (comparable to NEMA 6P).

A Locking Nut is supplied on all PG threaded parts.



Materials:

Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene



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Cable Glands

PG Threads Cable Glands

Clamping Cable Glands | CRSS Series | PG Threads | IP55 Rating

Part Number	Diameter Range mm (inches)	Thread Type
CRSS-09	7 - 10 (0.255 - 0.374)	PG 9
CRSS-11	8 - 12 (0.295 - 0.452)	PG 11
CRSS-13.5	9 - 13 (0.334 - 0.531)	PG 13.5
CRSS-16	10 - 15 (0.374 - 0.591)	PG 16
CRSS-21	12.5 - 19 (0.472 - 0.748)	PG 21
CRSS-29	19 - 27 (0.728 - 1.063)	PG 29
CRSS-36	26 - 33 (1.00 - 1.30)	PG 36
CRSS-42	30.5 - 39 (1.18 - 1.54)	PG 42
CRSS-48	35 - 45 (1.35 - 1.77)	PG 48

CRSS Series
Nickel Plated Brass Cable Gland with self-centering double saddle clamps. The seal is achieved with a neoprene sealing ring (with multiple perforations to accommodate a wide range of diameters). Brass Nuts and O-Rings for these must be ordered separately. Protection to IP 55.

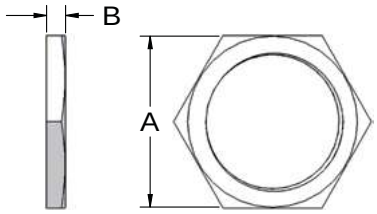
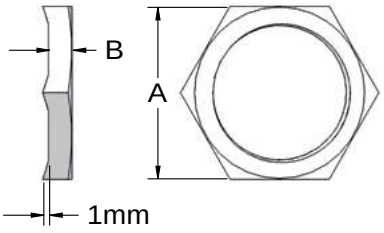


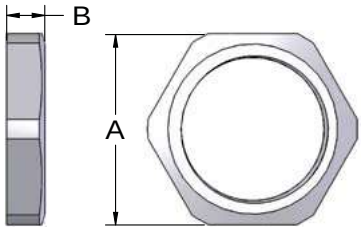
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Cable Gland Accessories

PG Threads Cable Gland Nuts



Metal Nuts					
Part Number		**A (mm)**	**B (mm)**	**Thread Type**	
Standard Metal Nut	207M	15	2.8	PG 7	 **Material:** Nickel Plated Brass
	209M	18	2.8	PG 9	
	211M	21	3	PG 11	
	213M	23	3	PG 13.5	
	216M	26	3	PG 16	
	221M	32	3.5	PG 21	
	229M	41	4	PG 29	
	236M	51	5	PG 36	
	242M	65	5	PG 42	
	248M	69	5.5	PG 48	
Cutting Metal Nut	207MPOT	15	2.8	PG 7	 **Material:** Nickel Plated Brass
	209MPOT	18	2.8	PG 9	
	211MPOT	21	3	PG 11	
	213MPOT	23	3	PG 13.5	
	216MPOT	26	3	PG 16	
	221MPOT	32	3.5	PG 21	
	229MPOT	41	4	PG 29	
	236MPOT	51	5	PG 36	
	242MPOT	65	5	PG 42	
	248MPOT	69	5.5	PG 48	

Plastic Nuts					
Part Number		**A (mm)**	**B (mm)**	**Thread Type**	**Style**
Gray	**Black**				
207PA	207PASW	19	5	PG 7	 **Material:** Polyamide
209PA	209PASW	22	5	PG 9	
211PA	211PASW	24	5	PG 11	
213PA	213PASW	27	6	PG 13.5	
216PA	216PASW	30	6	PG 16	
221PA	221PASW	36	7	PG 21	
229PA	229PASW	46	7	PG 29	
236PA	236PASW	60	8	PG 36	
242PA	242PASW	65	8	PG 42	
248PA	248PASW	70	8	PG 48	

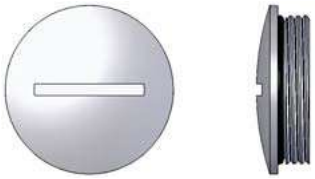
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

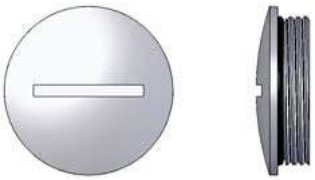


Cable Glands Accessories

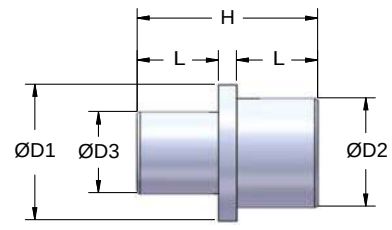
PG Threads Cable Gland Plugs

Blanking Plugs | Blind Plugs | PG Threads | IP68 Rating

Metal Blanking Plugs				
Part Number	**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
CRB-07	16	4.5	PG 07	 **Materials:** Nickel Plated Brass
CRB-09	19	4.5	PG 09	
CRB-11	22	4.5	PG 11	
CRB-13.5	24	6.0	PG 13.5	
CRB-16	26	6.0	PG 16	
CRB-21	32	6.0	PG 21	
CRB-29	39	8.0	PG 29	
CRB-36	50	9.0	PG 36	
CRB-42	57	10.0	PG 42	
CRB-48	64	10.0	PG 48	

Plastic Blanking Plugs					
Part Number		**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
Gray	**Black**				
CRB-07PA	CRB-07PASW	15	6	PG 07	 **Materials:** Polystyrene
CRB-09PA	CRB-09PASW	19	6	PG 09	
CRB-11PA	CRB-11PASW	22	6	PG 11	
CRB-13.5PA	CRB-13.5PASW	25	6	PG 13.5	
CRB-16PA	CRB-16PASW	27	6	PG 16	
CRB-21PA	CRB-21PASW	33	8	PG 21	
CRB-29PA	CRB-29PASW	44.5	8	PG 29	
CRB-36PA	CRB-36PASW	55.5	10	PG 36	
CRB-42PA	CRB-42PASW	62.5	10	PG 42	
CRB-48PA	CRB-48PASW	69.5	12	PG 48	

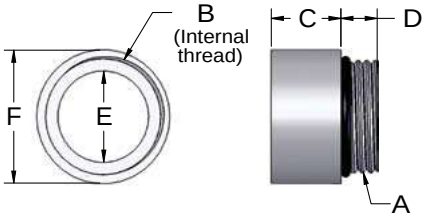
O-Rings are not required to maintain a seal on sizes PG 7 to PG 21 plastic blanking plugs, but are supplied on size PG 29 and larger.

Blind Plugs							
Part Number	**Thread Type**	**L**	**H**	**D1**	**D2**	**D3**	**Style**
PG07-BP	PG 07	6	14	8.5	6.5	5	 **Materials:** Polyamide
PG09-BP	PG 09	7	16	10	8	6	
PG11-BP	PG 11	8	18	12	10	7	
PG13.5-BP	PG 13.5	9	20	14	12	9	
PG16-BP	PG 16	10	22.5	16	14	12	
PG21-BP	PG 21	12	26.5	20	18	16	
PG29-BP	PG 29	14	30.5	28	25	20	

This insert is used to block a PCG or MCG style cable gland that is not currently in use, but is installed onto a panel. The Blind Plug will enable the cable gland to seal to IP 68. The Blind Plug is NOT for use in the EX style cable glands.

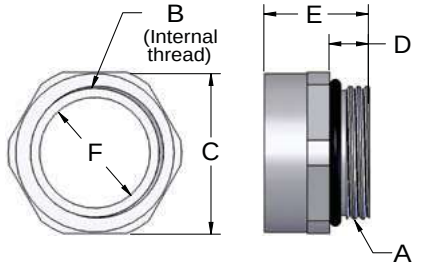
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PG to NPT Adapter							
Part Number	**A External**	**B Internal**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	**Style**
PG11-3/8	PG 11	3/8" NPT	14	6.0	13.5	20	
PG11-1/2	PG 11	1/2" NPT	18	6.5	13	24	
PG13.5-1/2	PG 13.5	1/2" NPT	18	6.5	17	24	
PG16-1/2	PG 16	1/2" NPT	18	6.5	17	24	
PG21-3/4	PG 21	3/4" NPT	18	7.0	22	30	
PG29-1	PG 29	1.0" NPT	18	8.0	29	39	
PG36-1.25	PG 36	1.25" NPT	20	9.0	36	50	
PG42-1.5	PG 42	1.5" NPT	18	10	42.7	57	



Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

PG to Metric Adapter							
Part Number	**A External**	**B Internal**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	**Style**
PG07-M12	PG 07	M12 x 1.5	14	5	15	9	
PG09-M16	PG 09	M16 x 1.5	19	6	16	12.2	
PG11-M16	PG 11	M16 x 1.5	22	6	16	13	
PG13.5-M20	PG 13.5	M20 x 1.5	24	6.5	17.5	16	
PG16-M20	PG 16	M20 x 1.5	27	6.5	17.5	18.5	
PG16-M25	PG 16	M25 x 1.5	30	6.5	18.5	18.5	
PG21-M25	PG 21	M25 x 1.5	32	7	19	23	
PG21-M32	PG 21	M32 x 1.5	36	7	20	23	
PG29-M40	PG 29	M40 x 1.5	43	8	21	32	
PG36-M50	PG 36	M50 x 1.5	55	9	23	42	
PG42-M63	PG 42	M63 x 1.5	65	10	25	48	



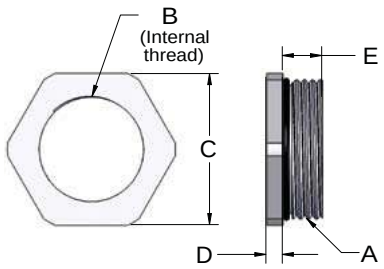
Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N



Cable Glands Accessories

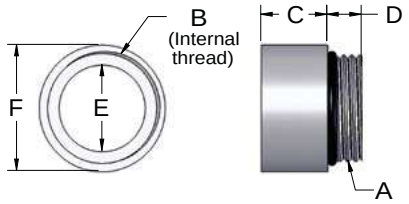
PG Threads Cable Gland Reducers & Enlargers

PG Reducers						
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**Style**
CEC-07	PG 09	PG 07	18	2.5	6	
CEC-07X	PG 11	PG 07	20	2.5	6	
CEC-07Y	PG 13.5	PG 07	24	3	6.5	
CEC-07Z	PG 16	PG 07	24	3	6.5	
CEC-09	PG 11	PG 09	20	2.5	6	
CEC-09X	PG 13.5	PG 09	24	3	6.5	
CEC-09Y	PG 16	PG 09	24	3	6.5	
CEC-11	PG 13.5	PG 11	24	3	6.5	
CEC-11X	PG 16	PG 11	24	3	6.5	
CEC-13.5	PG 16	PG 13.5	24	3	6.5	
CEC-13.5X	PG 21	PG 13.5	32	3	7	
CEC-16	PG 21	PG 16	32	3	7	
CEC-16X	PG 29	PG 16	41	3.5	8	
CEC-21	PG 29	PG 21	41	3.5	8	
CEC-29	PG 36	PG 29	50	3.5	9	



Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

PG Enlargers							
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	
CRC-09	PG 09	PG 11	10.5	6	12	20	
CRC-09X	PG 09	PG 13.5	11.5	6	12	22	
CRC-11	PG 11	PG 13.5	11.5	6	15	22	
CRC-11X	PG 11	PG 16	12.5	6.5	15	24	
CRC-13.5	PG 13.5	PG 16	12.5	6.5	17	24	
CRC-16	PG 16	PG 21	14.5	6.5	18.5	30	
CRC-16X	PG 16	PG 29	16	6.5	18.5	39	
CRC-21	PG 21	PG 29	16	7	24	39	
CRC-29	PG 29	PG 36	19.5	8	32	50	
CRC-36	PG 36	PG 42	22	9	42	57	



Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

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Cable Glands

Metric Threads Cable Glands



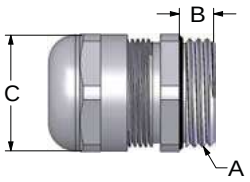
Standard Brass Cable Glands | Metric Threads | IP68/IP69K Rating

Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCG-M06***	N/A	IP68	2 - 3.2	6.2	6	8	M6 x 1.0
MCG-M08***	N/A	IP68	3 - 5	8.2	4	11	M8 x 1.25
MCG-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCG-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCG-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCG-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCG-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCG-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCG-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCG-M63	UL Recognized	IP69K	27-48	63.2	10	65	M63 x 1.5

*** MCG-M06 & MCG-M08 are not supplied with jam nuts. Nuts are not available for these cable glands.
M12 through M32 are also available in Stainless steel. Add “SS” to the part number (e.g. MCG-M12-SS). Stainless steel glands do not come with jam nuts.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut and an O-Ring are supplied on all Metric threaded Metal Cable Glands, except where noted.



Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene
O-Ring: BUNA-N



Cable Glands

Metric Threads Cable Glands

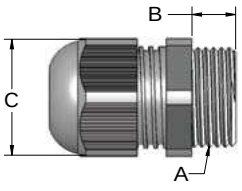
Standard Plastic Cable Glands | Metric Threads | IP68 Rating

Part Number		UL Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
Gray	Black						
PCG-M12R	PCG-M12R-B	N/A	2 - 5	12.2	8	15	M12 x 1.5
PCG-M12	PCG-M12-B	UL Recognized	3 - 6.5	12.2	8	15	M12 x 1.5
PCG-M16R	PCG-M16R-B	N/A	3 - 7	16.2	8	22	M16 x 1.5
PCG-M16	PCG-M16-B	UL Recognized	5 - 10	16.2	8	22	M16 x 1.5
PCG-M20R	PCG-M20R-B	UL Recognized	5 - 9	20.2	8	24	M20 x 1.5
PCG-M20	PCG-M20-B	UL Listed	10 - 14	20.2	8	27	M20 x 1.5
PCG-M25R	PCG-M25R-B	N/A	9 - 16	25.2	8	33	M25 x 1.5
PCG-M25	PCG-M25-B	UL Recognized	13 - 18	25.2	8	33	M25 x 1.5
PCG-M32R	PCG-M32R-B	UL Listed	12 - 20	32.2	10	42	M32 x 1.5
PCG-M32	PCG-M32-B	UL Listed	18 - 25	32.2	10	42	M32 x 1.5
PCG-M40R	PCG-M40R-B	UL Listed	20 - 26	40.2	10	53	M40 x 1.5
PCG-M40	PCG-M40-B	UL Listed	22 - 32	40.2	10	53	M40 x 1.5
PCG-M50R	PCG-M50R-B	UL Listed	25 - 31	50.2	12	60	M50 x 1.5
PCG-M50	PCG-M50-B	UL Listed	30 - 38	50.2	12	60	M50 x 1.5
PCG-M63R	PCG-M63R-B	UL Listed	29 - 35	63.2	12	65	M63 x 1.5
PCG-M63	PCG-M63-B	UL Listed	34 - 44	63.2	12	65	M63 x 1.5

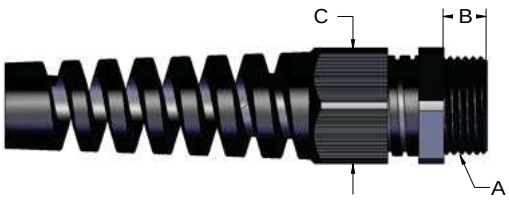
The Flex Style Version of UL recognized & UL listed parts are also UL recognized and UL listed.
For the flex style version, add “S” to the part number (e.g. PCG-M25-BS). Flex styles are not available on the PCG-M32 to PCG-M63 versions.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all Metric threaded parts. O-Rings are not required to maintain a seal on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.



Materials:
Body: Polyamide
Seal: Neoprene



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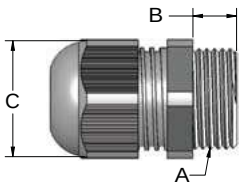
Cable Glands

Metric Threads Cable Glands



Part Number		UL Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
Gray	Black						
PCGU-M12	PCGU-M12-B	UL Recognized	2 - 5	12.2	8	15	M12 X 1.5
PCGU-M16	PCGU-M16-B	UL Recognized	3 - 10	16.2	8	20	M16 X 1.5
PCGU-M20	PCGU-M20-B	UL Recognized	5 - 13	20.2	8	24	M20 X 1.5
PCGU-M25	PCGU-M25-B	UL Recognized	8 - 17	25.2	8	29	M25 X 1.5
PCGU-M32	PCGU-M32-B	UL Recognized	12 - 21	32.2	10	36	M32 X 1.5
PCGU-M40	PCGU-M40-B	UL Recognized	16 - 28	40.2	10	46	M40 X 1.5
PCGU-M50	PCGU-M50-B	UL Recognized	21 - 35	50.2	12	55	M50 X 1.5
PCGU-M63	PCGU-M63-B	N/A	27 - 48	63.2	12	68	M63 X 1.5

These Cable Glands have a dual grommet system that allows for a much wider range in diameter than the standard plastic cable glands. Cables that are in the lower part of the diameter range will fit into the cable gland without any change. For cables that are in the upper part of the diameter range, the dome nut is removed and the seals are removed. Separate the inner seal from the outer seal into the cable gland and then put the outer seal back in place. It is now ready for use with the larger cable.



A Locking Nut is supplied on all Metric threaded parts. An O-Ring is not needed on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.

Materials:
Body: Polyamide
Seal: Neoprene

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Cable Glands

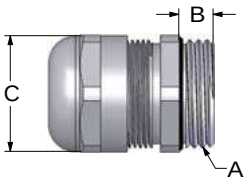
Metric Threads Cable Glands

EMI Shielding Brass Cable Glands | Metric Threads | IP68/IP69K Rating

Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCGB-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCGB-M12L	UL Recognized	IP69K	3 - 6	12.2	10	14	M12 x 1.5
MCGB-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCGB-M16L	UL Recognized	IP69K	3 - 9	16.2	10	17	M16 x 1.5
MCGB-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCGB-M20L	UL Recognized	IP69K	5 - 13	20.2	10	22	M20 x 1.5
MCGB-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCGB-M25L	UL Recognized	IP69K	8 - 16	25.2	11	27	M25 x 1.5
MCGB-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCGB-M32L	UL Recognized	IP68	12 - 21	32.2	13	34	M32 x 1.5
MCGB-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCGB-M40L	UL Recognized	IP68	16 - 27	40.2	13	43	M40 x 1.5
MCGB-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCGB-M50L	UL Recognized	IP69K	21 - 35	50.2	14	55	M50 x 1.5
MCGB-M63	UL Recognized	IP69K	27 - 48	63.2	10	65	M63 x 1.5

Lock Nuts are supplied with all cable glands listed other than MCGB-M12, MCGB-M16 and MCGB-M20. These threads are too short to be used with Lock Nuts.

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68.



Materials:
Body: Nickel Plated Brass
Insert: Polyamids
O-Ring: Neoprene



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Cable Glands

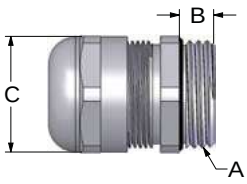
Metric Threads Cable Glands



Explosion-Proof Brass Cable Glands | Metric Threads | IP68 Rating

Part Number	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCGEX-M12	3 - 6.5	12.2	5	14	M12 x 1.5
MCGEX-M16	5 - 9	16.2	5	17	M16 x 1.5
MCGEX-M20	6 - 12	20.2	6	22	M20 x 1.5
MCGEX-M25	11 - 16	25.2	7	27	M25 x 1.5
MCGEX-M32	14 - 21	32.2	8	34	M32 x 1.5
MCGEX-M40	19 - 27	40.2	8	43	M40 x 1.5
MCGEX-M50	24 - 35	50.2	9	55	M50 x 1.5
MCGEX-M63	32 - 42	63.2	10	65	M63 x 1.5

These Explosion-Proof Cable Glands are made of Nickel Plated Brass and are for potentially explosive areas according to EN 50014 and EN 50019. The type of protection is EExd e II-increased safety. There is excellent strain relief, a wide clamping range, and a torsion protected plastic insert that is resistant to impact at cold temperatures. Also, the cable glands feature a neoprene sealing insert, the O-Ring seal is BUNA-N, and the permanent ambient temperature is -25ºC to +80ºC (-13º F to +176ºF). Protection type is IP 68 according to EN 60529, E-Generation, certificate of conformity: DMT 99 ATEX E 016. Locking Nuts must be ordered separately.



ATEX 100a

With a view toward further harmonization of the legal provisions in the European Union in respect to the use of equipment and protection systems in accordance with the regulations in areas subject to explosion hazards, the European Parliament and Council passed Directive 94/9/EC on the 23rd of March, 1994. This directive is also known as ATEX 100A. The period for implementing this guideline started on the 1st of March, 1996 and from the 1st of July, 2003 onwards, it will replace and supplement all directives on explosion protection applicable to date at the European level. The single market requires national regulations to be replaced by European Standards (EN).

he ATEX 100A governs the requirements for all (both electrical and non-electrical) equipment and protection systems which are intended for use in areas subject to explosion hazards. Monitoring, control and safety equipment for use outside areas subject to explosion hazards also fall within the provisions of this directive if they are necessary in view of explosion hazards for the safe running of equipment and protection systems.

The explosion-proof cable glands listed in this catalog are produced in Germany and are for use in areas subject to explosion hazards. Such parts are also termed “cable glands and entry fittings” (abbreviated KLE) and “accessories.”

EN 50014 defines cable glands and entry fittings as equipment which allows one or several electrical and/or fibre optic cables or wires to be inserted into electrical equipment while retaining the corresponding type of protection.

The explosion-proof KLE items contained in this catalog are suitable for inserting cables and wires into housing of protection type EEx e “increased safety,” and EEx i “inherent safety” in Device Groups II and Categories 2 and 3.

For further information on ATEX and European explosion-proof classifications, please consult the factory.

These specifications are not intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.

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Cable Glands

Metric Threads Cable Glands

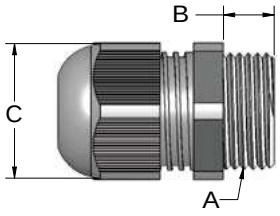
Explosion-Proof Plastic Cable Glands | Metric Threads | IP66 Rating

Part Number	Color	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
PCGEX-M12-B	Black	4 - 7	12.2	8	15	M12 x 1.5
PCGEX-M12L-B	Black	4 - 7	12.2	12	15	M12 x 1.5
PCGEX-M16-B	Black	5.5 - 10	16.2	8	20	M16 x 1.5
PCGEX-M16L-B	Black	5.5 - 10	16.2	12	20	M16 x 1.5
PCGEX-M20-B	Black	5.5 - 13	20.2	8	24	M20 x 1.5
PCGEX-M20L-B	Black	5.5 - 13	20.2	13	24	M20 x 1.5
PCGEX-M25-B	Black	8 - 17	25.2	8	29	M25 x 1.5
PCGEX-M25L-B	Black	8 - 17	25.2	13	29	M25 x 1.5
PCGEX-M32-B	Black	12 - 21	32.2	10	36	M32 x 1.5
PCGEX-M40-B	Black	17 - 28	40.2	10	46	M40 x 1.5
PCGEX-M50-B	Black	22 - 35	50.2	12	55	M50 x 1.5
PCGEX-M63-B	Black	27 - 48	63.2	12	68	M63 x 1.5

Intrinsically safe explosion proof versions are also available, please consult the factory.
Protection type EExd e II is a standard European classification.
These specifications are NOT intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.

Type of protection EExd e II- increased safety. Permanent ambient temperature -50ºC to +55ºC (-58ºF to +131ºF). Protection type is IP 66 according to EN 60529. Certificate of conformity: PTB-No. Ex-92-C.3142; PTB-No. Ex-92.C3108X (M12 & M16).

Locking Nuts must be ordered separately.



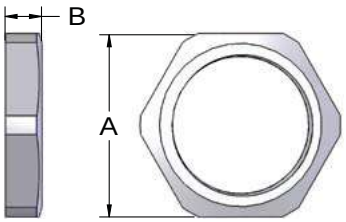
Materials: ALCRYM

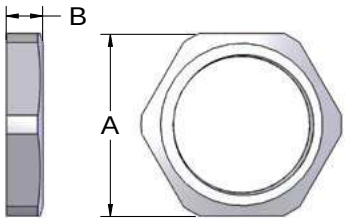
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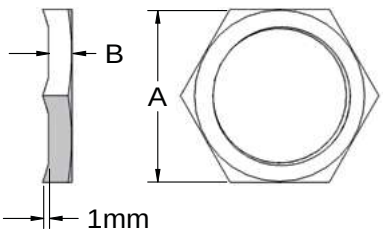
Cable Glands Accessories

Metric Threads Cable Gland Nuts



Metal Nuts					
Part Number		A (mm)	B (mm)	Thread Type	Style
Nickel Plated Brass	Stainless Steel				
2M12M	2M12M-SS	14	2.8	M12 x 1.5	 **Materials:** Nickel Plated Brass/ Stainless Steel
2M16M	2M16M-SS	19	2.8	M16 x 1.5	
2M20M	2M20M-SS	24	3	M20 x 1.5	
2M25M	2M25M-SS	30	3.5	M25 x 1.5	
2M32M	2M32M-SS	36	4	M32 x 1.5	
2M40M	2M40M-SS	46	5	M40 x 1.5	
2M50M	2M50MPOT-SS	60	5	M50 x 1.5	
2M63M	2M63MPOT-SS	70	6	M63 x 1.5	

Plastic Nuts					
Part Number		A (mm)	B (mm)	Thread Type	Style
Gray	Black				
2M12PA	2M12PASW	17	5	M12 x 1.5	 **Materials:** Polyamide
2M16PA	2M16PASW	22	5	M16 x 1.5	
2M20PA	2M20PASW	27	6	M20 x 1.5	
2M25PA	2M25PASW	32	6	M25 x 1.5	
2M32PA	2M32PASW	41	7	M32 x 1.5	
2M40PA	2M40PASW	50	7	M40 x 1.5	
2M50PA	2M50PASW	60	8	M50 x 1.5	
2M63PA	2M63PASW	75	8	M63 x 1.5	

Cutting Metal Nuts				
Part Number	A (mm)	B (mm)	Thread Type	Style
2M12MPOT	15	2.8	M12 x 1.5	 **Materials:** Nickel Plated Brass
2M16MPOT	19	2.8	M16 x 1.5	
2M20MPOT	24	3	M20 x 1.5	
2M25MPOT	30	3.5	M25 x 1.5	
2M32MPOT	36	4	M32 x 1.5	
2M40MPOT	46	5	M40 x 1.5	
2M50MPOT	60	5	M50 x 1.5	
2M63MPOT	70	6	M63 x 1.5	

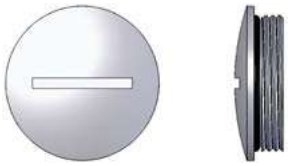
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Cable Glands Accessories

Metric Threads Cable Gland Plugs

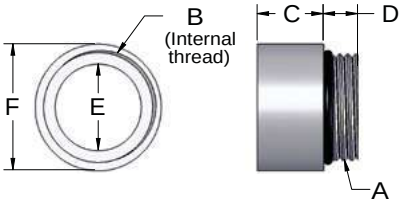
Blanking Plugs | Metric Threads | IP68/IP54 Rating

Metal Blanking Plugs (IP68)					
Part Number	**UL Rating**	**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
CRB-M12	UL recognized	16	5	M12 x 1.5	 **Materials:** Metal: Nickel Plated Brass O-Ring: BUNA-N
CRB-M16	UL recognized	20	6	M16 x 1.5	
CRB-M20	UL listed	24	6.5	M20 x 1.5	
CRB-M25	UL listed	28	7	M25 x 1.5	
CRB-M32	UL listed	35	8	M32 x 1.5	
CRB-M40	UL listed	45	8	M40 x 1.5	
CRB-M50	UL listed	55	9	M50 x 1.5	
CRB-M63	UL listed	68	10	M63 x 1.5	

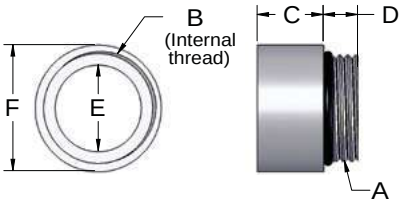
Plastic Blanking Plugs with Gasket (IP68)					
Part Number		**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
Gray	**Black**				
CRB-M12PA	CRB-M12PASW	15	6	M12 x 1.5	 **Materials:** Plastic: Polyamide Gasket: Chloroprene Rubber
CRB-M16PA	CRB-M16PASW	20	6	M16 x 1.5	
CRB-M20PA	CRB-M20PASW	24	6	M20 x 1.5	
CRB-M25PA	CRB-M25PASW	30	8	M25 x 1.5	
CRB-M32PA	CRB-M32PASW	37	8	M32 x 1.5	
CRB-M40PA	CRB-M40PASW	46	8	M40 x 1.5	
CRB-M50PA	CRB-M50PASW	56	10	M50 x 1.5	
CRB-M63PA	CRB-M63PASW	70	12	M63 x 1.5	
Plastic Blanking Plugs without Gasket (IP54)					
CRBN-M12PA	CRBN-M12PASW	15	6	M12 x 1.5	 **Materials:** Plastic: Polyamide
CRBN-M16PA	CRBN-M16PASW	20	6	M16 x 1.5	
CRBN-M20PA	CRBN-M20PASW	24	6	M20 x 1.5	
CRBN-M25PA	CRBN-M25PASW	30	8	M25 x 1.5	
CRBN-M32PA	CRBN-M32PASW	37	8	M32 x 1.5	
CRBN-M40PA	CRBN-M40PASW	46	8	M40 x 1.5	
CRBN-M50PA	CRBN-M50PASW	56	10	M50 x 1.5	
CRBN-M63PA	CRBN-M63PASW	70	12	M63 x 1.5	

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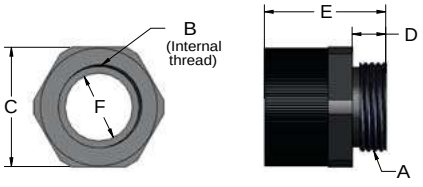
Metric to PG							
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	**Style**
M12-PG9	M12 x 1.5	PG 09	11	5	8	17	
M16-PG11	M16 x 1.5	PG 11	12	5	12	20	
M20-PG16	M20 x 1.5	PG 16	14	6	15	24	
M25-PG21	M25 x 1.5	PG 21	14.5	7	21	30	
M32-PG29	M32 x 1.5	PG 29	17	8	26	39	
M40-PG36	M40 x 1.5	PG 36	20.5	8	34	50	
M50-PG42	M50 x 1.5	PG 42	23	9	44	57	
M50-PG48	M50 x 1.5	PG 48	24	9	44	64	
Metric to NPT (Metal)							
M16-1/2	M16 x 1.5	1/2" NPT	18.5	6.5	11	24	
M20-1/2	M20 x 1.5	1/2" NPT	18.5	6.5	15	24	
M25-3/4	M25 x 1.5	3/4" NPT	21	7	18	30	
M32-3/4	M32 x 1.5	3/4" NPT	18	8	23	37	
M32-1	M32 x 1.5	1" NPT	25	8	27	38	
M40-1.25	M40 x 1.5	1.25" NPT	26	8	34	46	
Metric to NPT (Black Plastic)							
M16-1/2PASW	M16 x 1.5	1/2" NPT	27	8	28	11	
M20-1/2PASW	M20 x 1.5	1/2" NPT	27	8	27	15	
M25-12-PASW	M29 x 1.5	1/2" NPT	29	8	27	17	
M32-34-PASW	M32 x 1.5	3/4" NPT	36	10	30	23.5	



Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N



Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

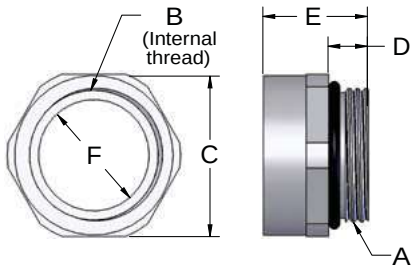


Materials:
Body: Polyamide

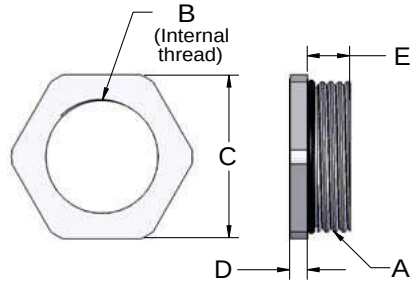


Cable Glands Accessories

Metric Threads Cable Gland Reducers & Enlargers

Metric Enlargers							
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	**Style**
CRC-M12	M12 x 1.5	M16 x 1.5	18	5	16	8	
CRC-M16	M16 x 1.5	M20 x 1.5	22	5	16.5	12	
CRC-M20	M20 x 1.5	M25 x 1.5	27	6	18.5	15	
CRC-M25	M25 x 1.5	M32 x 1.5	34	7	20.5	21	
CRC-M32	M32 x 1.5	M40 x 1.5	42	8	23.5	26	
CRC-M40	M40 x 1.5	M50 x 1.5	52	8	30	34	
CRC-M50	M50 x 1.5	M63 x 1.5	65	9	32.5	44	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Metric Reducers						
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**Style**
CEC-M12	M16 x 1.5	M12 x 1.5	17	5	8	
CEC-M12X	M20 x 1.5	M12 x 1.5	22	6	9	
CEC-M16	M20 x 1.5	M16 x 1.5	22	6	9	
CEC-M16X	M25 x 1.5	M16 x 1.5	27	7	10	
CEC-M20	M25 x 1.5	M20 x 1.5	27	7	10	
CEC-M20X	M32 x 1.5	M20 x 1.5	34	8	11	
CEC-M25	M32 x 1.5	M25 x 1.5	34	8	11	
CEC-M20Y	M40 x 1.5	M20 x 1.5	43	8	12	
CEC-M25X	M40 x 1.5	M25 x 1.5	43	8	12	
CEC-M32	M40 x 1.5	M32 x 1.5	43	8	12	
CEC-M25Y	M50 x 1.5	M25 x 1.5	55	9	13	
CEC-M32X	M50 x 1.5	M32 x 1.5	55	9	13	
CEC-M40	M50 x 1.5	M40 x 1.5	55	9	13	
CEC-M32Y	M63 x 1.5	M32 x 1.5	65	10	14	
CEC-M40X	M63 x 1.5	M40 x 1.5	65	10	14	
CEC-M50	M63 x 1.5	M50 x 1.5	65	10	14	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

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Cable Glands Accessories

Metric, PG & NPT Threads Flat & Festoon Cable Glands



Flat & Festoon Cable Glands | Metric, PG & NPT Threads | IP66/IP65 Rating

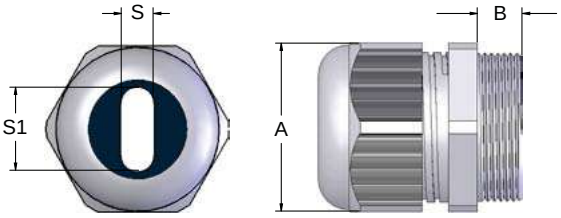
Cable Glands for Flat Cable Applications

Mencom's plastic and brass cable glands are perfect for flat and festoon cables. Sealing ratings up to IP 66 can be obtained.
A Locking Nut is supplied on all Metric and PG threaded parts. An O-Ring is not needed for the plastic style cable glands smaller than M32.
O-Rings are supplied on M32 and larger sizes.

Plastic Version									
Part Number		A Wrench Flats (mm)	B Thread Length (mm)	S1 DIM MAX (mm)	S1 DIM MIN (mm)	S DIM MAX (mm)	S DIM MIN (mm)	Thread Type	Mounting Hole Clearance (mm)
Gray	Black								
PFG-M20-12X5	PFG-M20-12X5-B	24	8	12	8	5	2	M20 X 1.5	20.2
PFG-M25-16.3X6	PFG-M25-16.3X6-B	29	8	16.3	10	6	2	M25 X 1.5	25.2
PFG-M32-20X9	PFG-M32-20X9-B	36	10	20	12	9	3	M32 X 1.5	32.2
PFG-M40-27X10	PFG-M40-27X10-B	46	10	27	19	10	3	M40 X 1.5	40.2
PFG-M50-34X13	PFG-M50-34X13-B	55	12	34	23	13	4	M50 X 1.5	50.2
PFG-M63-45X15	PFG-M63-45X15-B	68	12	45	32	15	6	M63 X 1.5	63.2
PFG-1/2-12X5	PFG-1/2-12X5-B	22	13	12	8	5	2	1/2-14 NPT	21.2
PFG-13.5-12X5	PFG-13.5-12X5-B	22	6.5	12	8	5	2	PG13.5	20.2

Brass Version								
Part Number	A Wrench Flats (mm)	B Thread Length (mm)	S1 DIM MAX (mm)	S1 DIM MIN (mm)	S DIM MAX (mm)	S DIM MIN (mm)	Thread Type	Mounting Hole Clearance (mm)
MFG-M20-12X5	24	6	12	9	5	2	M20 X 1.5	20.2
MFG-M25-16.3X6	29	7	16.3	11	6	2	M25 X 1.5	25.2
MFG-M32-20X9	36	8	20	13	9	3	M32 X 1.5	32.2
MFG-M40-27X10	46	8	27	17	10	3	M40 X 1.5	40.2
MFG-M50-34X13	55	9	34	24	13	4	M50 X 1.5	50.2
MFG-M63-45X15	68	10	45	33	15	6	M63 X 1.5	63.2
MFG-1/2-12X5	22	13	12	9	5	2	1/2-14 NPT	21.2
MFG-13.5-12X5	22	6.5	12	9	5	2	PG13.5	20.2

Sealing for these cable glands is IP 66 only if the cable matches the slot dimensions exactly. For cables that are less than the "max", but more than the "min", the seals are rated to IP 54.
Longer thread lengths are available for some of these cable glands, please consult the factory.



Plastic Version Materials:
Body: Polyamide
Seal: Neoprene

Brass Version Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Grommet : TPE
O-Ring : BUNA-N

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Cable Glands

NPT, PG & Metric Threads ASI Cable Glands

ASI Cable Glands | Metric, PG & NPT Threads | IP65 Rating

Metal ASI Cable Glands					
Part Number	**Figure Number**	**A Mounting Hole Clearance**	**B Thread Length**	**C Wrench Flats**	**Thread Type**
MCG-1/2-ASI	Figure 1	.825”	.591”	1.06”	1/2” NPT
MCG-13.5-ASI	Figure 1	.825”	.256”	.945”	PG 13.5
MCG-M20-ASI	Figure 1	20.5 mm	6 mm	22 mm	M20x1.5
MCG-M25-ASI	Figure 1	25.5 mm	7 mm	27 mm	M25x1.5
MCG-M25-2ASI	Figure 2	25.5 mm	7 mm	27 mm	M25x1.5

Plastic ASI Cable Glands						
Part Number		**Figure Number**	**A Mounting Hole Clearance**	**B Thread Length**	**C Wrench Flats**	**Thread Type**
Gray	**Black**					
PCG-1/2-ASI	PCG-1/2-B-ASI	Figure 1	.825”	.591”	1.06”	1/2” NPT
PCG-1/2-2ASI	PCG-1/2-B-2ASI	Figure 2	.825”	.591”	1.06”	1/2” NPT
PCG-13.5-ASI	PCG-13.5-B-ASI	Figure 1	.825”	.354”	.945”	PG 13.5
PCG-13.5-2ASI	PCG-13.5-B-2ASI	Figure 2	.825”	.354”	.945”	PG 13.5
PCG-M20-ASI	PCG-M20-B-ASI	Figure 1	20.5 mm	8 mm	27 mm	M20x1.5
PCG-M20-2ASI	PCG-M20-B-2ASI	Figure 2	20.5 mm	8 mm	27 mm	M20x1.5
PCG-M25-ASI	PCG-M25-B-ASI	Figure 1	25.5 mm	8 mm	33 mm	M25x1.5
PCG-M25-2ASI	PCG-M25-B-2ASI	Figure 2	25.5 mm	8 mm	33 mm	M25x1.5

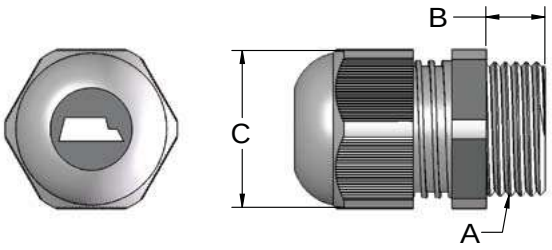


Figure 1: Single

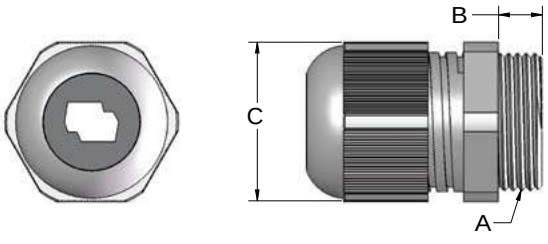


Figure 2: Double

Plastic Material:

Body: Polyamide
Seal: Neoprene

Metal Material:

Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

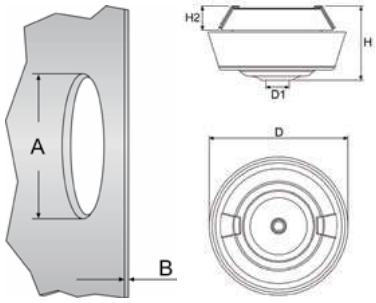
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Click Seal Metric									
Part Number	Color	Size	IP 65 Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Panel Thick-ness Range (mm)	H1 (mm)	H2 (mm)	D1 (mm)	D (mm)
SGL-M20-TGY	Gray	M20	4 - 11	20.5	2 - 5	17 - 20	5.5	4.0	29.3 - 34.5
SGL-M25-TGY	Gray	M25	4 - 13	25.5	2 - 5	17 - 20	5.5	5.0	34.3 - 40.0

For volume use, black or light gray glands are available. Please consult the factory for part numbers and availability.

Specifications:

Body: TPE (Thermoplastic Elastomer) and Polyamide
Temperature: -20°C to +125°C (-4° to +257°F)
Protection: IP65



Height of only 17-20 mm, 5.7 mm on the outside irrespective of size. Cable glands are approx. 30-40 mm.

Handles large range of cable and pipe diameters.

Integrated tension relief

“Pushout” membrane

Installation time saving up to 90%.

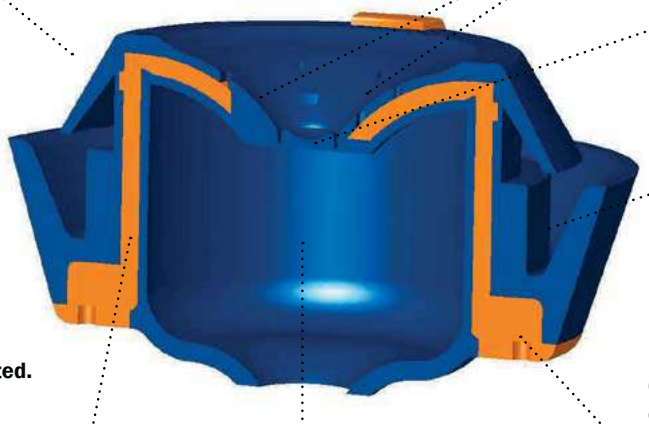
Self-adjusting to wall thickness 2 - 5 mm.

Ergonomic installation

Space saving design

Fixed in both directions when mounted.

Click Seal means no material compression during installation.



Fixed IP67 / IP65

Rubber coated tension relief for protection of the cable mantle.





Cable Glands

Sealing Glands

PG & Metric Holes | EPDM | Chloroprene | TSS | IP67 Rating

PG Holes								
Gray EPDM	**Black Chloroprene**	**Size**	**Diameter Range (mm)**	**A Mounting Hole Clearance (mm)**	**B Panel Thickness Range (mm)**	**Da (mm)**	**H (mm)**	**H1 (mm)**
SG-PG07-EGY	SG-PG07-CBK	PG 7	3 -5	13	0.5 - 2	20	12.6	5.4
SG-PG09-EGY	SG-PG09-CBK	PG 9	5 - 7	16	1 - 4	21	17.8	10.3
SG-PG11-EGY	SG-PG11-CBK	PG 11	7 - 10	19	1 - 4	24	19.8	12.7
SG-PG16-EGY	SG-PG16-CBK	PG 16	10 - 14	23	1 - 4	28	21.6	14.7
SG-PG21-EGY	SG-PG21-CBK	PG 21	14 - 20	29	1 - 4	35	24.6	17.6
SG-PG29-EGY	SG-PG29-CBK	PG 29	20 - 26	38	1 - 4	46	28.5	20.0
SG-PG36-EGY	SG-PG36-CBK	PG 36	26 - 35	48	1 - 4	58	34.9	23.9
Metric Holes								
SG-M12-EGY	SG-M12-CBK	M12	4 - 7	12.5	0.5 - 2	20	12.8	5.6
SG-M16-EGY	SG-M16-CBK	M16	5 - 9	16.5	1 - 4	21	17.7	11.0
SG-M20-EGY	SG-M20-CBK	M20	8 - 13	20.5	1 - 4	25.5	20.0	13.4
SG-M25-EGY	SG-M25-CBK	M25	11 - 17	25.5	1 - 4	30.5	21.3	15.3
SG-M32-EGY	SG-M32-CBK	M32	15 - 20	32.5	1 - 4	38.5	24.6	18.6
SG-M40-EGY	SG-M40-CBK	M40	19 - 28	40.5	1 - 4	48.5	29.5	21.7
SG-M50-EGY	SG-M50-CBK	M50	27 - 35	50.5	1 - 4	60.5	34.8	25.0

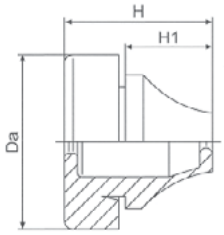
For volume use, black or light gray glands are available. Please consult the factory for part numbers and availability.

Specifications:

Body: EPDM
Temperature: -40°C to +110°C (-40° to +230°F)
Protection: IP67

Body: Chloroprene
Temperature: -40°C to +100°C (-22° to +212°F)
Protection: IP67



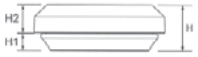


TSS Metric										
Part Number	**Color**	**Size**	**Diameter Range (mm)**	**A Mounting Hole Clearance (mm)**	**B Panel Thickness Range (mm)**	**H (mm)**	**H1 (mm)**	**H2 (mm)**	**D (mm)**	**D1 (mm)**
SGC-M16-TGY	Gray	M16	5 - 10	16.5	0.5 - 3.0	11	4	6.75	23.5	4
SGC-M20-TGY	Gray	M20	6 - 13	20.5	0.5 - 3.0	11	4	6.75	27.5	5
SGC-M25-TGY	Gray	M25	8 - 17	25.5	0.5 - 3.5	11	4	6.75	32.5	7
SGC-M32-TGY	Gray	M32	12 - 24	32.5	0.5 - 4.5	11	4	6.75	39.5	11

Specifications:

Body: TPE (Thermosplastic Elastomer)
Temperature: -50°C to +125°C (-58° to +257°F)
Protection: IP67

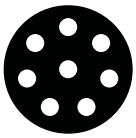






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Mencom Multi-Hole Cable Gland Inserts will allow the user to use one cable gland for multiple wires, cables, or tubes. The inserts fit into the Mencom "MCG" or "PCG" cable glands, and will seal to IP 65.

Part Number	# of Holes	Diameter of Holes mm (inches)	Fits Into	
PG09-0x0	0	None	MCG-09 MCG-09R MCG-3/8 MCG-3/8R	PCG-09 PCG-09-B PCG-09R PCG-09R-B
PG09-2x3	2	3 (0.118)		
PG09-2x3.5	2	3.5 (0.138)		
PG09-3x2	3	2 (0.079)		
PG09-3x3.5	3	3.5 (0.138)		
PG09-4x2	4	2 (0.079)		
PG09-4x3	4	3 (0.118)		
PG11-0x0	0	None	MCG-11 MCG-11R PCG-11 PCG-11-B PCG-11R PCG-11R-B PCG-3/8	PCG-3/8-B PCG-3/8R PCG-3/8R-B PCG-M16 PCG-M16-B PCG-M16R PCG-M16R-B
PG11-2x3	2	3 (0.118)		
PG11-2x4	2	4 (0.157)		
PG11-2x4.5	2	4.5 (0.177)		
PG11-2x5	2	5 (0.197)		
PG11-3x3	3	3 (0.118)		
PG11-3x4	3	4 (0.157)		
PG11-3x5	3	5 (0.197)		
PG11-4x3	4	3 (0.118)		
PG11-7x2.7	7	2.7 (0.107)		
PG13.5-0x0	0	None	MCG-13.5 MCG-13.5R MCG-1/2 MCG-1/2R PCG-13.5 PCG-13.5-B PCG-13.5R	PCG-13.5R-B PCG-1/2X PCG-1/2X-B PCG-1/2Y PCG-1/2Y-B PCG-M20R PCG-M20R-B
PG13.5-2x4.5	2	4.5 (0.177)		
PG13.5-2x5	2	5 (0.197)		
PG13.5-2x6	2	6 (0.236)		
PG13.5-3x4	3	4 (0.157)		
PG13.5-3x5	3	5 (0.197)		

Inserts are intended for use with wires, cables, or tubes that have diameters that are within ±0.020" of the "hole diameter" listed.
Inserts without holes allow the user to drill holes for low volume, custom applications.
Inserts can be pre-installed in cable glands for orders of 100 or more. Order as follows:

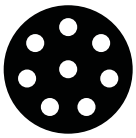
Multi-Hole Insert	Desired Cable Gland	Resulting Part Number
PG 11-3X3	MCG-11	MCG-11-3X3



Cable Glands Accessories

Multi-Hole Cable Gland Inserts

Multi-Hole Cable Gland Inserts | IP65 Rating



Mencom Multi-Hole Cable Gland Inserts will allow the user to use one cable gland for multiple wires, cables, or tubes. The inserts fit into the Mencom "MCG" or "PCG" cable glands, and will seal to IP 65.

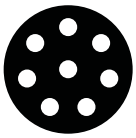
Part Number	# of Holes	Diameter of Holes mm (inches)	Fits Into	
PG16-0x0	0	None	MCG-16 MCG-16R PCG-16 PCG-16-B PCG-16R PCG-16R-B	PCG-1/2 PCG-1/2-B PCG-1/2R PCG-1/2R-B PCG-M20 PCG-M20B
PG16-2x4	2	4 (0.157)		
PG16-2x6	2	6 (0.236)		
PG16-3x4	3	4 (0.157)		
PG16-3x4.5	3	4.5 (0.177)		
PG16-3x5	3	5 (0.197)		
PG16-3x6	3	6 (0.236)		
PG16-3x6.5	3	6.5 (0.256)		
PG16-3x7	3	7 (0.276)		
PG16-4x4	4	4 (0.157)		
PG16-4x5	4	5 (0.197)		
PG16-4x6	4	6 (0.236)		
PG16-5x4	5	4 (0.157)		
PG21-0x0	0	None	MCG-21 MCG-21R PCG-21-B PCG-21R PCG-21R-B PCG-3/4 PCG-3/4-B	PCG-3/4-R PCG-3/4R-B PCG-M25 PCG-M25-B PCG-M25R PCG-M25R-B
PG21-2x7	2	7 (0.276)		
PG21-2x8	2	8 (0.315)		
PG21-2x9	2	9 (0.354)		
PG21-3x7	3	7 (0.276)		
PG21-3x8	3	8 (0.315)		
PG21-4x5	4	5 (0.197)		
PG21-4x6.5	4	6.5 (0.256)		
PG21-4x7	4	7 (0.276)		
PG21-4x7.5	4	7.5 (0.295)		
PG21-5x5	5	5 (0.197)		
PG29-0x0	0	None	MCG-29 MCG-29R PCG-29 PCG-29-B PCG-29R PCG-29R-B	PCG-1.0 PCG-1.0-B PCG-1.0R PCG-1.0R-B PCG-M32 PCG-M32-B
PG29-5x8.5	5	8.5 (0.335)		
PG29-6x5	6	5 (0.197)		
PG29-6x7.5	6	7.5 (0.295)		
PG29-8x5	8	5 (0.197)		

Inserts are intended for use with wires, cables, or tubes that have diameters that are within ±0.020" of the "hole diameter" listed.
Inserts without holes allow the user to drill holes for low volume, custom applications.
Inserts can be pre-installed in cable glands for orders of 100 or more. Order as follows:

Multi-Hole Insert	Desired Cable Gland	Resulting Part Number
PG 11-3X3	MCG-11	MCG-11-3X3

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Mencom Multi-Hole Cable Gland Inserts will allow the user to use one cable gland for multiple wires, cables, or tubes. The inserts fit into the Mencom "MCG" or "PCG" cable glands, and will seal to IP 65.

Part Number	# of Holes	Diameter of Holes mm (inches)	Fits Into
M25-0x0	0	None	MCG-3/4 MCG-3/4R MCG-M25
M25-2x8	2	8 (0.315)	
M25-3x4	3	4 (0.157)	
M25-3x7	3	7 (0.276)	
M25-4x5	4	5 (0.197)	
M25-4x6.5	4	6.5 (0.256)	
M32-2X8	2	8 (0.315)	MCG-1.0 MCG-M32
M32-3X8	3	8 (0.315)	
M32-4X7	4	7 (0.276)	
M32-4X8	4	8 (0.315)	
M32-4X8.5	4	8.5 (0.335)	
M32-6X4	6	4 (0.157)	
M32-6X6	6	6.5 (0.256)	
M40-0X0	0	None	MCG-1.25 MCG-M40
M40-4X10	4	10 (0.394)	
M40-5X8.5	5	8.5 (0.335)	
M40-8X6.5	8	6.5 (0.256)	

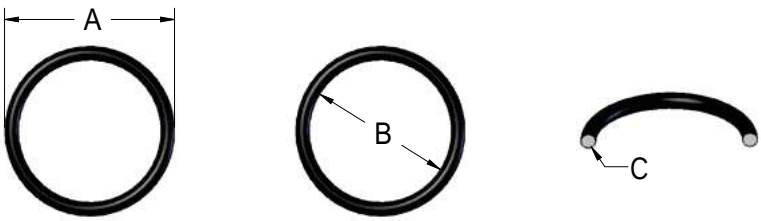
Inserts are intended for use with wires, cables, or tubes that have diameters that are within ±0.020" of the "hole diameter" listed.
Inserts without holes allow the user to drill holes for low volume, custom applications.
Inserts can be pre-installed in cable glands for orders of 100 or more. Order as follows:

Multi-Hole Insert	Desired Cable Gland	Resulting Part Number
PG 11-3X3	MCG-11	MCG-11-3X3

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For Metric Threads: O-Rings (100 Pieces/Package)				
Part Number	**Size**	**A (mm)**	**B (mm)**	**C (mm)**
3M12G	M12	12	9	1.5
309G	M16	16	13	1.5
313G	M20	21	18	2.0
3M25G	M25	27	23	2.0
3M32G	M32	34	29	2.5
3M40G	M40	41	37	2.0
3M50G	M50	52	47	2.5
3M63G	M63	66	60	3.0
For PG Threads: O-Rings (100 Pieces/Package)				
307G	PG 07	13	10	1.5
309G	PG 09	17	13	1.5
311G	PG 11	20	16	2.0
313G	PG 13.5	22	18	2.0
316G	PG 16	24	20	2.0
321G	PG 21	28	24	2.0
329G	PG 29	37	33	2.0
336G	PG 36	47	42	2.5
342G	PG 42	53	48	2.5
348G	PG 48	60	54	3.0
For NPT Threads: O-Rings (100 Pieces/Package)				
309G	3/8" NPT	17	13	1.5
313G	1/2" NPT	22	18	2.0
321G	3/4" NPT	28	24	2.0

Material:
O-Ring: BUNA-N



Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Cable Glands Accessories

KADP Cable Entry System



KADP Cable Entry Plate | ILME Size 24 Panel Cutout | IP66 Rating

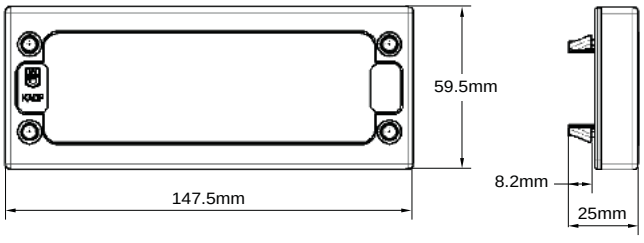
Part Number	# of Entries	Cable Diameter Range										
		1.5 ~ 2.6 mm	2.5 ~ 5.0 mm	3.0 ~ 5.5 mm	3.0 ~ 6.5 mm	4.1 ~ 8.1 mm	5.0 ~ 9.2 mm	8.0 ~ 12.0 mm	8.0 ~ 12.5 mm	9.0 ~ 14.0 mm	9.6 ~ 15.9 mm	14.0 ~ 20.0 mm
KADP-24-11	11				4		4					3
KADP-24-12	12							12				
KADP-24-13	13			2		6				4		1
KADP-24-14	14				6		4				4	
KADP-24-17	17						17					
KADP-24-17-1	17				11	1			5			
KADP-24-22	22				16		4		2			
KADP-24-23	23					23						
KADP-24-29	29				29							
KADP-24-BLI	0											

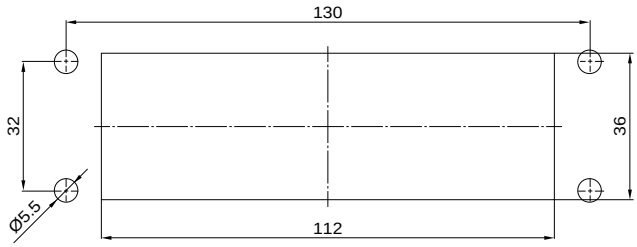
Application
For introduction of cables, hoses, pneumatic and hydraulic lines

Benefits
Fast and simple installation
Up to 10 times faster than with cable glands
Space savings of over 50%

Mounting
Usable on panel cutouts Size 24 ILME industrial multipole connectors (e.g. Harting or Wieland), mounting in wall thicknesses from 1.5 to 2.0mm. For plates with thicknesses greater than 2.0 mm the cable entry plate KADP can be attached with screws.

Specifications:
Flange: Polyamide PA6 V-0
Elastomeric Plate: EPDM
Sealing: TPE
Temperature: -30°C to +100°C (-22°F to +212°F)





Hole Dimensions

Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



Cable Glands Accessories

KADL Cable Entry System

KADL Cable Entry System | Modular Design | IP65 Rating

KADL Cable Entry						
Part Number	# of Entries		Dimension (mm)			
	Small Cable O.D. (3.0 - 16.0 mm)	Large Cable O.D. (15.0 - 32.5 mm)	L	L1	H	H1
KADL-1K-2G	1	2	153	63	32.3	8.9
KADL-5K	5	0	153	63	32.3	8.9
KADL-10K	10	0	153	85.5	32.3	8.9
KADL-2K-4G	2	4	153	108	32.3	8.9
KADL-6K-2G	6	2	153	108	32.3	8.9
KADL-15K	15	0	153	108	32.3	8.9
KADL-11K-2G	11	2	153	130.5	32.3	8.9
KADL-20K	20	0	153	130.5	32.3	8.9
KADL-3K-6G	3	6	153	153	32.3	8.9
KADL-7K-4G	7	4	153	153	32.3	8.9
KADL-16K-2G	16	2	153	153	32.3	8.9
KADL-25K	25	0	153	153	32.3	8.9
KADL Expansion Insert						
KADL-EXP	N/A	N/A	153	27	32.3	8.9

KADL-EXP is an expansion insert for adding 5 holes to an existing 5, 10, 15, or 20 hole frame.
Required hole size will change according to the number of expansion inserts used. Maximum frame size not to exceed 25 holes.
Grommets ordered separately (Page U-36).

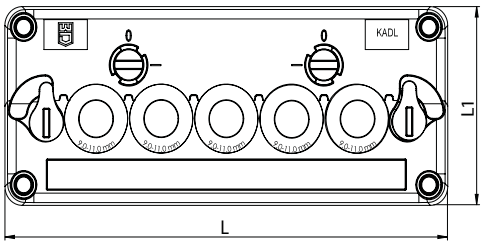
Application
Insertion and sealing of pre-assembled cables with connectors into housings

Benefits
- Modular design and high packaging density
- Grommet clamping range to 2 mm
- Strain relief for cables
- Easy retrofits and adjustments

Mounting
Mounting in wall thicknesses from 1.5 to 2.0 mm
KADL can be attached with screws for wall thicknesses greater than 2.0 mm

Specifications:

Flange:	Polyamide PA6 V-0
Sealing:	TPE
Temperature:	-30°C to +100°C (-22°F to +212°F)



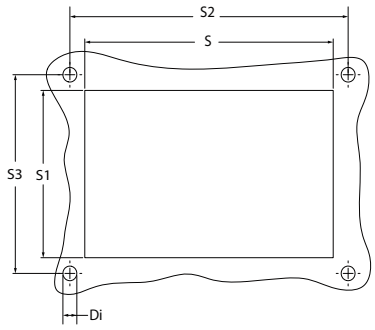


KADL Cable Entry System



Expansion Insert

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Part Number	S mm	S1 mm	S2 mm	S3 mm	Di mm	Cutout
KADL-1K-2G	125	35	140	50	5.5	
KADL-5K	125	35	140	50	5.5	
KADL-10K	125	57.5	140	72.5	5.5	
KADL-2K-4G	125	80	140	95	5.5	
KADL-6K-2G	125	80	140	95	5.5	
KADL-15K	125	80	140	95	5.5	
KADL-11K-2G	125	102.5	140	117.5	5.5	
KADL-20K	125	102.5	140	117.5	5.5	
KADL-3K-6G	125	125	140	140	5.5	
KADL-7K-4G	125	125	140	140	5.5	
KADL-16K-2G	125	125	140	140	5.5	
KADL-25K	125	125	140	140	5.5	



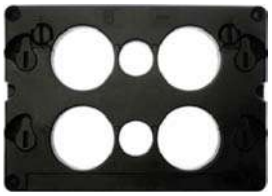
KADL-1K-2G



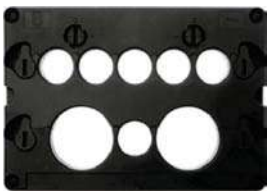
KADL-5K



KADL-10K



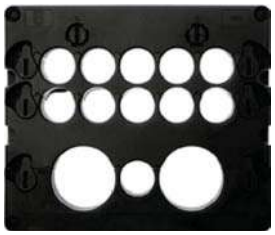
KADL-2K-4G



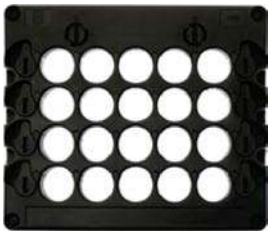
KADL-6K-2G



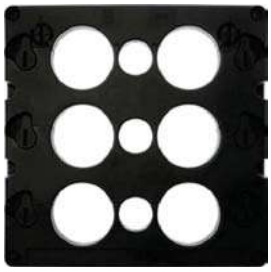
KADL-15K



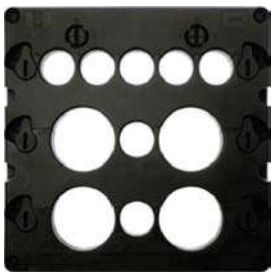
KADL-11K-2G



KADL-20K



KADL-3K-6G



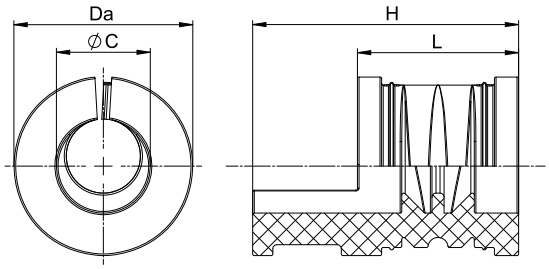
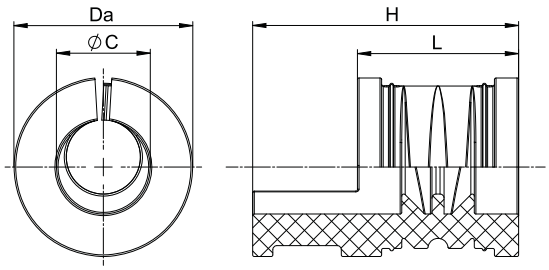
KADL-7K-4G



KADL-16K-2G



KADL-25K

KADL Small Grommets (3.0 - 16.0 mm)					
Part Number	**Ø C mm**	**L mm**	**H mm**	**Da mm**	**Style**
TK-3-5	3-5	20	33	22.2	
TK-5-7	5-7	20	33	22.2	
TK-7-9	7-9	20	33	22.2	
TK-9-11	9-11	20	33	22.2	
TK-11-13	11-13	20	33	22.2	
TK-13-15	13-15	20	33	22.2	
TK-15-16	15-16.5	20	33	22.2	
TK-G	N/A	20	20	22.2	
KADL Large Grommets (15.0 - 32.5 mm)					
TG-15-17	15-17	20	33	38.7	
TG-17-19	17-19	20	33	38.7	
TG-19-21	19-21	20	33	38.7	
TG-21-23	21-23	20	33	38.7	
TG-23-25	23-25	20	33	38.7	
TG-25-27	25-27	20	33	38.7	
TG-27-29	27-29	20	33	38.7	
TG-29-31	29-31	20	33	38.7	
TG-31-32.5	31-32.5	20	33	38.7	
TG-G	N/A	20	20	38.7	

Grommets ordered separately.

Properties

- Accessories for Cable Entry System KADL
- Due to the split grommets, pre-assembled cables with connectors can be inserted into housings and sealed
- For cables with ØC = 3,0 - 32,5 mm
- Clamping range per grommet up to 2 mm
- Strain relief for cables
- Tool-free assembly
- Easy enlargements and adjustments





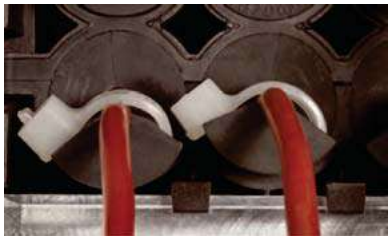
Specifications:

Grommet: TPE TPV

Temperature: -30°C to +100°C (-22°F to +212°F)







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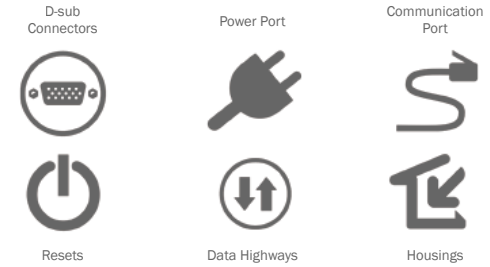
Panel Interface Connectors

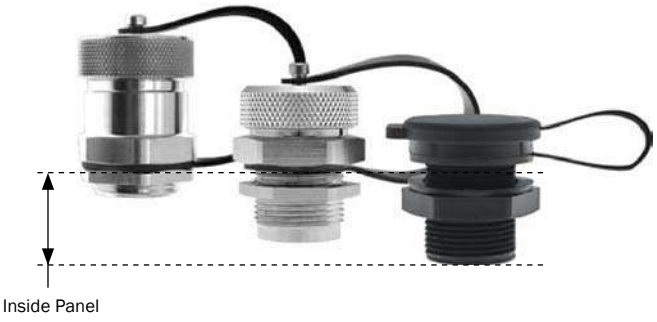
Hundreds of Components and Unlimited Possibilities

UL File #:
E491186

c UL us LISTED
Encl. Acc.

A panel interface connector(PIC) is a device that typically mounts to the outside of a control panel housing a PLC, computer, or other type of programmable device. Once in place, the PIC, which houses convenient pass through connections, allows quick, easy, safe access to the controls inside the cabinet.





Benefits of PICs

- The ability to quickly interface directly with the contents of the cabinet without opening the main cabinet door

- With thousands of component combinations, you can easily configure your PIC to match your specific requirements

- Avoid potential safety hazards, such as Arc Flash, associated with opening a panel under load

Variety of Options

Mencom currently has well over 3,000 designs in production. Our team of engineers are designing new and custom PIC models every day. We are not limited to just what is represented in this catalog, so please contact us regarding your requirements.

Low Profile Versions



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Panel Interface Connectors

Low Profile Housings

Clear Cover | Solid Construction | UL Type 4, 12 | IP65 Rating

c UL us LISTED
Encl. Acc.

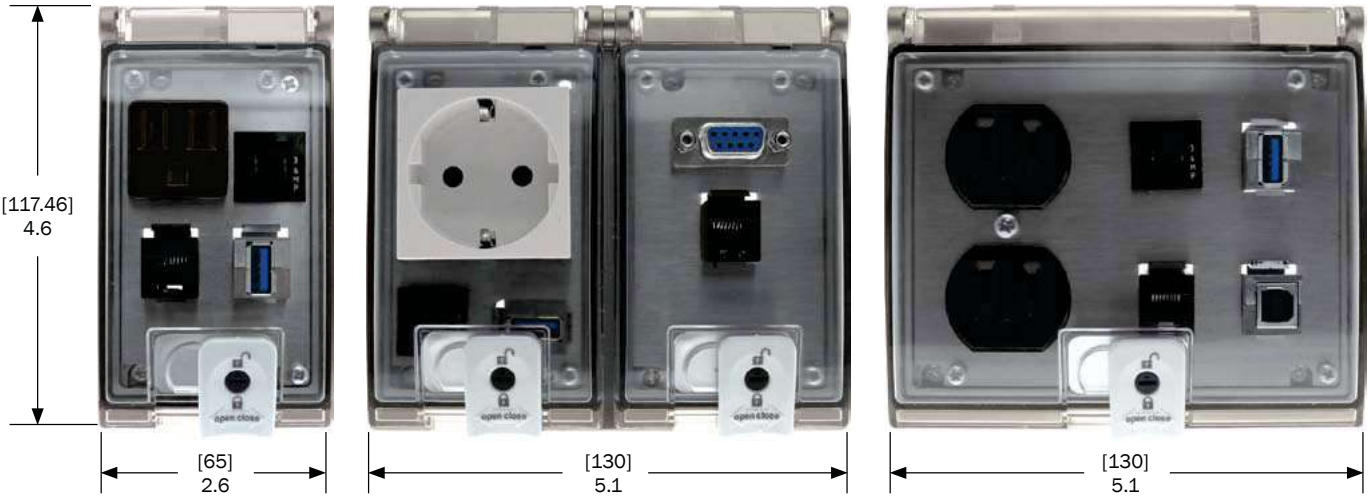
Dimensional, and Panel Cut-Out information found on page V-25

Low Profile Housings

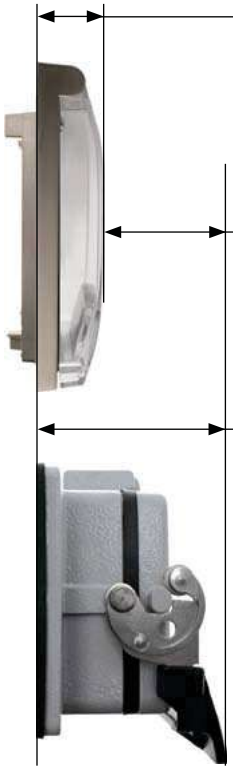
LP1
Single Cover

LP2
Two Single Covers

LP3
Double Cover



Profile Comparison



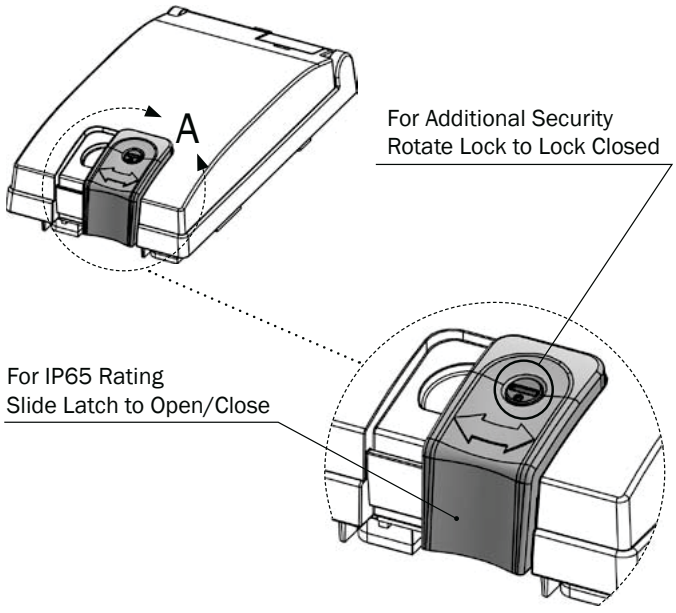
Low Profile Enclosure
[25 mm]
1 inch

Low Profile Latching
vs
Standard Enclosure Locking

Lower up to 75%
[22.6 ~ 77 mm]
0.87 ~ 3 inch

Standard Enclosure
[47.6 ~ 102 mm]
1.87 ~ 4 inch

Latch & Lock Mechanism



DETAIL A SCALE 4:3

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Panel Interface Connectors

Standard Metal Housings



Standard Metal Housing | Panel Mount Junction Blocks | UL Type 4, 4X, 12 | IP65 Rating

Dimensional, and Panel Cut-Out information found on page V-26 & V-27

c UL us LISTED Encl. Acc.

Standard Metal Housings

Corrosion & Chemical Resistant
Rugged Epoxy Coated
Cast Aluminum Construction

With Metal Cable Gland/ Threaded Opening
NPT, PG, Metric

Customizable Label

Dust and Liquid Resistant
IP65

Self-Extinguishing
Thermoplastic Lever



Bulkhead Mount Housings
Page V-26



Surface Mount Housings
Page V-27

Unique Stainless Steel Latch Design
Soft Opening and Closing



Open

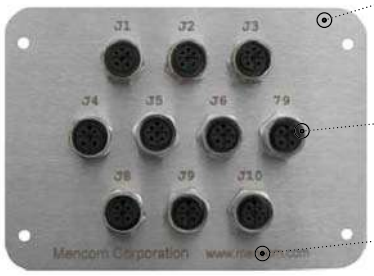


Close

Panel Mount Junction Blocks



No Housing
Panel Mount



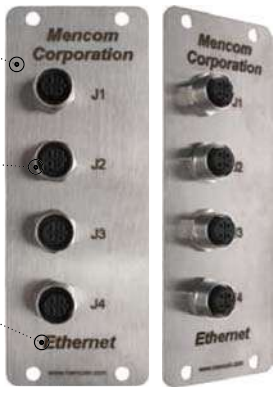
JDC Series
Page V-36 ~ V-40

Corrosion Resistant
Stainless Steel Plate

M12 Connectors
A-Code/D-Code

Customizable Laser Marking

Customizable Interior Termination Options



Ethernet Series
Page V-41 ~ V-42

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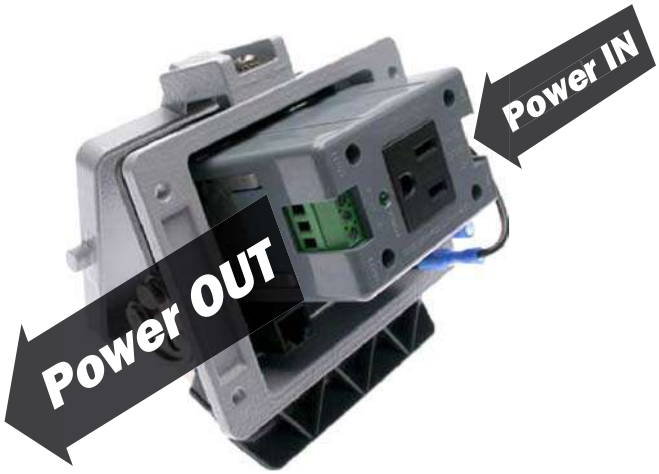
Panel Interface Connectors

120V GFCI Recptacle to 120V Simplex Receptacle

GFDP1 Power Port | Easy Access Terminal Block Wiring | IP65 Rating

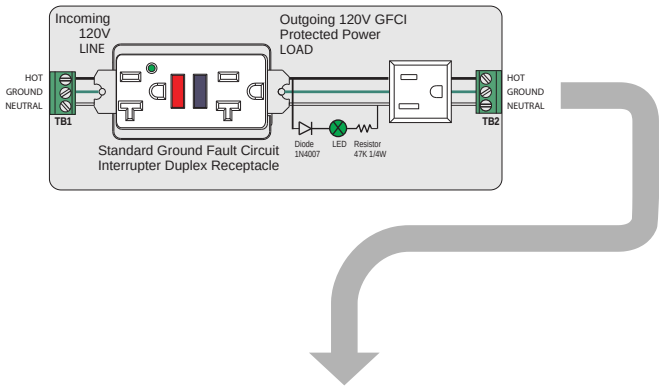
GFDP1 Power Port

NFPA 79 Compliant



- 3 GFCI-protected receptacles (2 Outside & 1 Inside)
- Easy and Safe TEST/RESET outside the panel
- Outgoing Terminals for GFCI Protected Power

GFDP1 Schematic without Circuit Breaker



To additional receptacles as per local codes

Easy Access Terminal Block Wiring



Terminal Block

Finger Safe Cover
Internal connections to power ports are finger safe



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Notes:

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Panel Interface Connectors

Thousands of Components and Unlimited Possibilities

Contents

Part Number Matrix **V-7**

Popular Models
- The Most Popular Models with Images ..... **V-8 ~ V-15**
- Other Popular Models ..... **V-16 ~ V-21**

Components
- Power Ports **V-22**
- Communication Ports **V-23**
- Data Highway & Resets **V-24**
- Housings ..... **V-25 ~ V-28**
- Extension Cables
  - D-Sub with Guaranteed Color Code **V-29**
  - RJ45 ..... **V-30**
  - Other Cables **V-31**

Accessories **V-32**

Port Adapters
- Metal **V-33**
- Plastic **V-34**
- Back Mount **V-35**

Unmanaged Ethernet Switch **V-36**

Panel Mount Junction Blocks
- JDC (M12) Series ..... **V-38 ~ V-42**
- Ethernet Series ..... **V-43 ~ V-44**

Basic PIC Facts

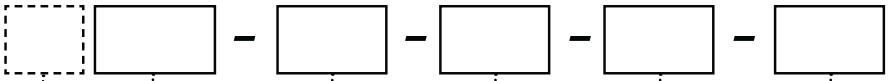
- UL File # E491186
- Models containing an international power outlet do not carry UL.
- All connections are normally straight through, pin 1 to pin 1, etc.
- All D-Sub connectors are FEMALE EXTERIOR and MALE INTERIOR referenced to the cabinet. Other configurations such as male interior and exterior, male exterior and female interior, and female interior and exterior are available.
- The 9 pin and 25 pin D-Subs pin configurations are available as a break out configuration in some units. These connectors allow for the D-Sub to be separated into individual lines. This allows the user to connect to the D-Sub by way of screw terminal connections.
- All “mini-DIN” and circular DINS, BNC, Coax and RJs are configured FEMALE EXTERIOR and INTERIOR.
- The standard reset is a 3 amp to limit the power output of the unit. Other amperages are available, please consult the factory.

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Panel Interface Connectors

Panel Interface Connectors Part Number Matrix

More components available - Please consult factory



Prefix

Blank = N/A
DH = Data Highway
LP1 = Low Profile Housing with Single Cover
LP2 = Low Profile Housing with Two Single Covers
LP3 = Low Profile Housing with Double Cover

Power Ports

120V/250V

D (or Blank) = No Power Receptacle
DP = 120V Duplex Receptacle
DP1 = 120V Simplex Receptacle
DPT = 120V "Twist Lock" Duplex Receptacle
DPIG = 120V Isolated Ground Duplex Receptacle
GF = 120V GFCI Receptacle
GFDP1 = **Front:** 120V GFCI Receptacle
Back: 120V Simplex Receptacle
DEC = 250V/15A Female Receptacle
DMC = 250V/15A Male Receptacle

International

EP = Continental European Receptacle
DIN = India Receptacle
DUK = United Kingdom Receptacle
DAS = Australian Receptacle
DCH1 = China 10 AMP
DCH2 = China 16 AMP
FR = French Receptacle
DUN = Universal Receptacle

D-Sub Connectors

9 Pin

DB9 = 9 Pin D-Sub Female Ext/Male Interior
DB9M = 9 Pin D-Sub Male Ext/Male Interior
MDB9 = 9 Pin D-Sub Male Ext/Female Interior
DB9F = 9 Pin D-Sub Female Ext/Female Interior

15 Pin

DB15 = 15 Pin D-Sub Female Ext/Male Interior
DB15M = 15 Pin D-Sub Male Ext/Male Interior
MDB15 = 15 Pin D-Sub Male Ext/Female Interior
DB15F = 15 Pin D-Sub Female Ext/Female Interior
DDB15 = Hi-Density 15 Pin D-Sub Female Ext/Male Interior
DDB15M = Hi-Density 15 Pin D-Sub Male Ext/Male Interior
MDDB15 = Hi-Density 15 Pin D-Sub Male Ext/Female Interior
DDB15F = Hi-Density 15 Pin D-Sub Female Ext/Interior

25 Pin

DB25 = 25 Pin D-Sub Female Ext/Male Interior
DB25M = 25 Pin D-Sub Male Ext/Male Interior
MDB25 = 25 Pin D-Sub Male Ext/Female Interior
DB25F = 25 Pin D-Sub Female Ext/Female Interior

37 Pin

DB37 = 37 Pin D-Sub Female Ext/Male Interior
DB37M = 37 Pin D-Sub Male Ext/Male Interior
MDB37 = 37 Pin D-Sub Male Ext/Female Interior
DB37F = 37 Pin D-Sub Female Ext/Female Interior

D-Sub to Screw Terminal Block

DB9-PC9 = 9 Pin D-Sub Female to a Discrete Wire Pluggable Screw Terminal Block
DB25-PC25 = 25 Pin D-Sub Female to a Discrete Wire Pluggable Screw Terminal Block

Housings

06(LS) = Size 6 Bulkhead Housing
10(LS) = Size 10 Bulkhead Housing
16(LS) = Size 16 Bulkhead Housing
24(LS) = Size 24 Bulkhead Housing
32(LS) = Size 32 Bulkhead Housing
48(LS) = Size 48 Bulkhead Housing
P06 = Size 6 Surface Mount Housing
P10 = Size 10 Surface Mount Housing
P16 = Size 16 Surface Mount Housing
P24 = Size 24 Surface Mount Housing
P32 = Size 32 Surface Mount Housing
P48 = Size 48 Surface Mount Housing

Resets

NR (or Blank) = No Reset
R = 3 AMP Reset
5R = 5 AMP Reset
10R = 10 AMP Reset
15R = 15 AMP Reset

Communication Ports

Ethernet

RJ45 = Ethernet Female/Female
RJ11/12 = Standard Phone Female/Female
RJ22 = Handset Jack Female/Female

Radio-Frequency

BNC = BNC Female/Female
CX = Coaxial Female/Female

Mini-Din

8M = 8 Pin Mini-DIN Female/Female
6M = 6 Pin Mini-DIN Female/Female

USB

USB = 2 USB 3.0 Form A to USB 3.0 Form A Female/Female
USB-* = Form A Female to Form A Male Cable by the Foot
USB-AFAF = Single USB 3.0 Form A Female to USB 3.0 Form A Female
USB-AFBF = Single Form A Female to Form B Female
USB-BFBF = Single Form B Female to Form B Female
USB-BFAF = Single Form B Female to Form A Female

* Length in feet.

Others

FOPT = Fiber Optic
HDMI = High-Definition Multimedia Interface

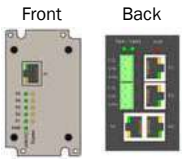
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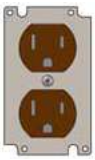


Panel Interface Connectors

Popular PIC Models

Low Profile LP1 Housing | UL Type 4, 12 | IP65 Rating

Part Number	Description	Faceview
LP1-E45UM-5	5 Port Unmanaged Ethernet Switch	
LP1-2RJ45	2 x RJ45 LP1 Housing	
LP1-2USB-*	2 x USB Form A Female with Cable to USB Form A Male LP1 Housing	
LP1-2USB-AFAF	2 x USB A connections LP1 Housing	
LP1-2USB-BFAF	2 x USB Female Form B to Female Form A LP1 Housing	
LP1-4RJ45	4 x RJ45 LP1 Housing	
LP1-DB25	25 Pin D-Sub LP1 Housing	
LP1-DB9	9 Pin D-Sub LP1 Housing	
LP1-DB9-RJ45	9 Pin D-Sub RJ45 LP1 Housing	

Part Number	Description	Faceview
LP1-DB9-USB-*	9 Pin D-Subs USB Form A Female with Cable to USB Form A Male LP1 Housing	
LP1-DCH1-RJ45-R	China 10 AMP Receptacle RJ45 3 AMP Reset LP1 Housing	
LP1-DP	Duplex Receptacle LP1 Housing	
LP1-2DB9	2 x 9 Pin D-Sub LP1 Housing	
LP1-DP1-2RJ45	Single Outlet 2 x RJ45 LP1 Housing	
LP1-DP1-2RJ45-R	Single Outlet 2 x RJ45 3 AMP Reset LP1 Housing	
LP1-DP1-DB9	Single Outlet 9 Pin D-Sub LP1 Housing	
LP1-DP1-DB9-RJ45	Single Outlet 9 Pin D-Sub RJ45 LP1 Housing	
LP1-DP1-R	Single Outlet 3 AMP Reset LP1 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

Stainless steel UL Type 4X versions in development. Consult factory for more information.

PICs with International outlets are non-UL.

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Panel Interface Connectors

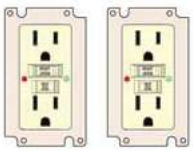
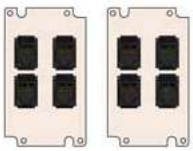
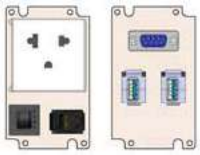
Popular PIC Models





Low Profile LP1 & LP2 Housing | UL Type 4, 12 | IP65 Rating

Part Number	Description	Faceview
LP1-DP1-RJ45-R	Single Outlet RJ45 3 AMP Reset LP1 Housing	
LP1-DP1-RJ45-USB-AFAF-R	Single Outlet RJ45 USB Female Form A to Female Form A 3 AMP Reset LP1 Housing	
LP1-DP1-RJ45-USB-BFAF-R	Single Outlet RJ45 USB Female Form B to Female Form A 3 AMP Reset LP1 Housing	
LP1-DP1-USB-AFAF-R	Single Outlet USB Female Form A to Female Form A 3 AMP Reset LP1 Housing	
LP1-EP-R	Continental European Receptacle 3 AMP Reset LP1 Housing	
LP1-EP-RJ45	Continental European Receptacle RJ45 LP1 Housing	
LP1-EP-RJ45-R	European Receptacle RJ45 3 AMP Reset LP1 Housing	
LP1-GF	GFCI Receptacle LP1 Housing	
LP1-RJ11	RJ11 LP1 Housing	

Part Number	Description	Faceview
LP1-RJ45	RJ45 LP1 Housing	
LP1-RJ45-2USB-*	RJ45 2 x USB Form A Female with Cable to USB Form A Male LP1 Housing	
LP1-RJ45-USB-*	RJ45 USB Form A Female with Cable to USB Form A Male LP1 Housing	
LP1-USB-*	USB Form A Female with Cable to USB Form A Male LP1 Housing	
LP1-USB-AFAF	USB Female Form A to Female Form A LP 1 Housing	
LP1-USB-BFAF	Single Outlet USB Female Form B to Female Form A LP1 Housing	
LP2-2GF	2 x GFCI Receptacle LP2 Housing	
LP2-8RJ45	8 x RJ45 LP2 Housing	
LP2-DBR-DB9-RJ45-2USB-AFAF-R	Brazilian Receptacle 9 pin D-Sub RJ45 2xUSB A connections 3 AMP Reset LP2 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

Stainless steel UL Type 4X versions in development. Consult factory for more information.

PICs with International outlets are non-UL.

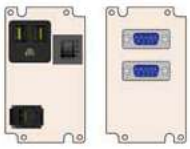
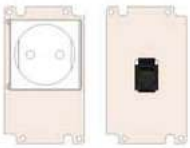
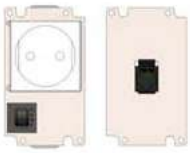
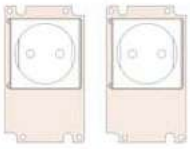
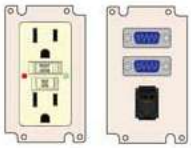
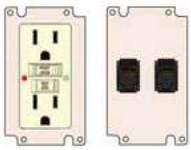
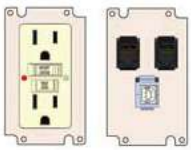
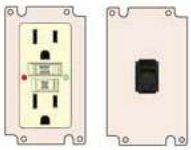
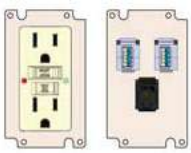
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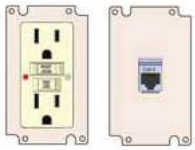
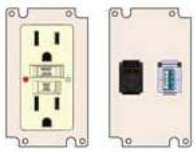
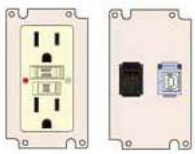
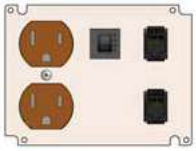
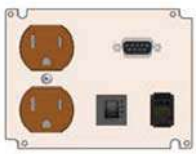
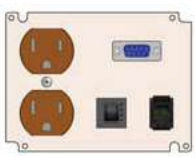
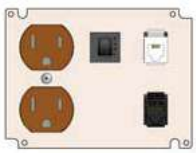
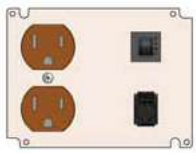


Panel Interface Connectors

Popular PIC Models

Low Profile LP2 & LP3 Housing | UL Type 4, 12 | IP65 Rating

Part Number	Description	Faceview
LP2-DP1-2DB9-RJ45-R	Single Outlet 2 x 9 Pin D-Subs RJ45 3 AMP Reset LP2 Housing	
LP2-EP-RJ45	Continental European Receptacle RJ45 LP2 Housing	
LP2-EP-RJ45-R	Continental European Receptacle RJ45 3 AMP Reset LP2 Housing	
LP-EP-2	2 x Continental European Receptacle LP2 Housing	
LP2-GF-2DB9-RJ45	GFCI Receptacle 2 x 9 Pin D-Sub RJ45 LP2 Housing	
LP2-GF-2RJ45	GFCI Receptacle 2 x RJ45 LP2 Housing	
LP2-GF-2RJ45-USB-BFAF	GFCI Receptacle 2 x RJ45 USB Form B Female to Form A Female LP2 Housing	
LP2-GF-RJ45	GFCI Receptacle RJ45 LP2 Housing	
LP2-GF-RJ45-2USB-AFAF	GFCI Receptacle 2xUSB A connections RJ45 LP2 Housing	

Part Number	Description	Faceview
LP2-GF-RJ45S	GFCI Receptacle Shielded RJ45 LP2 Housing	
LP2-GF-RJ45-USB-AFAF	GFCI Receptacle RJ45 USB Form B Female to Form A Female LP2 Housing	
LP2-GF-RJ45-USB-BFAF	GFCI Receptacle RJ45 USB Female Form B to Female Form A LP2 Housing	
LP3-DP-2RJ45-R	Duplex Receptacle 2- RJ45 3 AMP Reset LP3 Housing	
LP3-DP-DB9-PC9-RJ45-R	Duplex Receptacle 9 Pin D-Sub to Terminal Block RJ45 3 AMP Reset LP3 Housing	
LP3-DP-DB9-RJ45-R	Duplex Receptacle 9 Pin D-Sub RJ45 3 AMP Reset LP3 Housing	
LP3-DP-RJ11-RJ45-R	Duplex Receptacle RJ11 RJ45 3 AMP Reset LP3 Housing	
LP3-DP-RJ45-R	Duplex Receptacle RJ45 3 AMP Reset LP3 Housing	
LP3-EP-15R	Continental European Receptacle 15 AMP Reset LP3 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

Stainless steel UL Type 4X versions in development. Consult factory for more information.

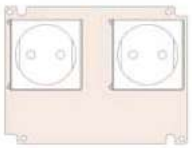
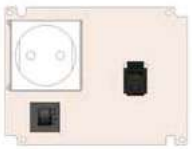
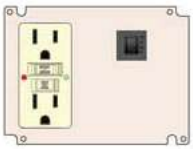
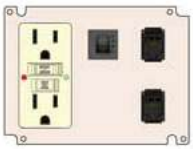
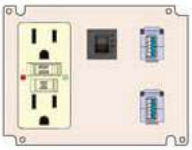
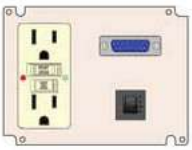
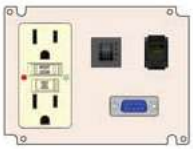
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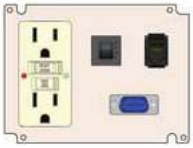
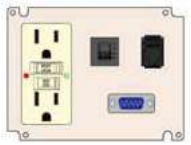
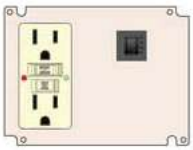
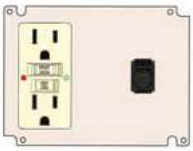
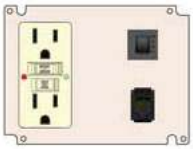
Panel Interface Connectors

Popular PIC Models



Low Profile LP3 Housing | UL Type 4, 12 | IP65 Rating

Part Number	Description	Faceview
LP3-EP-2	2 x Continental European Receptacle LP3 Housing	
LP3-EP-DB9-RJ45-R	Continental European Receptacle 9 Pin D-Sub RJ45 3 AMP Reset LP3 Housing	
LP3-EP-RJ45-2USB-*-R	Contl. European Recp. RJ45 2 x USB Form A Female with Cable to USB Form A Male 3 AMP Reset LP3 Housing	
LP3-EP-RJ45-R	Continental European Receptacle RJ45 3 AMP Reset LP3 Housing	
LP3-GF-15R	GFCI Receptacle 15 AMP Reset LP3 Housing	
LP3-GF-2RJ45-R	GFCI Receptacle 2 x RJ45 3 AMP Reset LP3 Housing	
LP3-GF-2USB-AFAF-R	GFCI Receptacle 2xUSB A connections 3 AMP Reset LP3 Housing	
LP3-GF-DB15-R	GFCI Receptacle 15 Pin D-Sub 3 AMP Reset LP3 Housing	
LP3-GF-DB9F-RJ45-R	GFCI Receptacle 9 pin D-Sub Female Exterior/Female Interior RJ45 3 AMP Reset LP3 Housing	

Part Number	Description	Faceview
LP3-GF-DB9M-RJ45-R	GFCI Receptacle 9 Pin D-Sub Male Exterior/Male Interior RJ45 3 AMP Reset LP3 Housing	
LP3-GF-DB9-RJ45-R	GFCI Receptacle 9 Pin D-Sub RJ45 3 AMP Reset LP3 Housing	
LP3-GF-R	GFCI Receptacle 3 AMP Reset LP3 Housing	
LP3-GF-RJ45	GFCI Receptacle RJ45 LP3 Housing	
LP3-GF-RJ45-15R	GFCI Receptacle RJ45 15 AMP Reset LP3 Housing	
LP3-GF-RJ45-R	GFCI Receptacle RJ45 3 AMP Reset LP3 Housing	
LP3-GF-RJ45S-R	GFCI Receptacle Shielded RJ45 3 AMP Reset LP3 Housing	
LP3-GF-RJ45-USB-*-R	GFCI Receptacle RJ45 USB Form A Female with Cable to USB Form A Male 3 AMP Reset LP3 Housing	
LP3-GF-USB-AFAF-R	GFCI Receptacle USB Form A Female to Form A Female 3 AMP Reset LP3 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

Stainless steel UL Type 4X versions in development. Consult factory for more information.

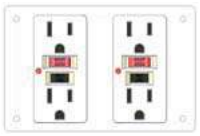
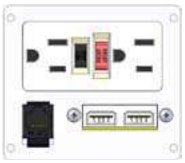
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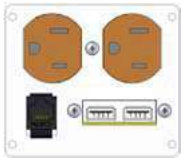
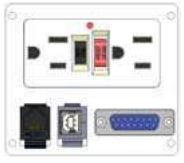
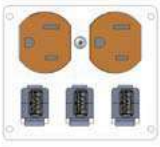


Panel Interface Connectors

Popular PIC Models

Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

Part Number	Description	Faceview
GF-RJ45-R-32	GFCI Receptacle RJ45 3 AMP Reset Size 32 Housing	
DP1-RJ45-16LS	Single Outlet RJ45 Size 16 Housing	
DP-RJ45-R-32	Duplex Receptacle RJ45 3 AMP Reset Size 32 Housing	
DP1-RJ45-R-24LS	Single Outlet RJ45 3 AMP Reset Size 24 Housing	
D-USB-*-06LS	USB Form A Female with Cable to USB Form A Male Size 6 Housing	
GF-2-48LS	2 x GFCI Receptacle Size 48 Housing	
GF-USB-RJ45-32	GFCI Receptacle 2xUSB A connections RJ45 Size 32 Housing	
GF-RJ45-32	GFCI Receptacle RJ45 Size 32 Housing	
RJ45-06LS	RJ45 Size 6 Housing	

Part Number	Description	Faceview
GF-DB9-RJ45-R-32	GFCI Receptacle 9 Pin D-Sub RJ45 3 AMP Reset Size 32 Housing	
DB09-06LS	9 Pin D-Sub Size 6 Housing	
DP1-DB9-RJ45-16LS	Single Outlet 9 Pin D-Sub RJ45 Size 16 Housing	
EP-RJ45-R-32	European Receptacle RJ45 3 AMP Reset Size 32 Housing	
RJ45-CVKIT	Ethernet Kit RJ45 Size 6 Housing (Hood Incl.)	
DP-USB-RJ45-32	Duplex Receptacle 2xUSB A Connections RJ45 Size 32 Housing	
GF-DB15-RJ45-USB-BFAF-32	GFCI Receptacle 15 Pin D-Sub RJ45 USB Form B Female to Form A Female Size 32 Housing	
RJ45-2-10LS	2- RJ45 Size 10 Housing	
DP-3USB-AFAF-32	Duplex Receptacle 3 x USB A Female to Male Connector Size 32 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

PICs with International outlets are non-UL.

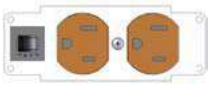
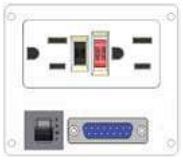
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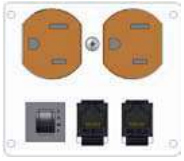
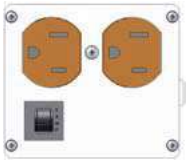
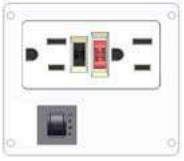
Panel Interface Connectors

Popular PIC Models



Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

Part Number	Description	Faceview
DP-DB9-RJ45-R-32	Duplex Receptacle 9 Pin D-Sub RJ45 3 AMP Reset Size 32 Housing	
GF-RJ45-5R-32	GFCI Receptacle RJ45 5 AMP Reset Size 32 Housing	
DP1-DB9-USB-*-24LS	Single Outlet 9 Pin D-Subs USB Form A Female with Cable to USB Form A Male Size 24 Housing	
DP1-RJ45-R-16LS	Single Outlet 3 AMP Reset RJ45 Size 16 Housing	
DP-DB9-PC9-RJ45-R-32	Duplex Receptacle 9 Pin D-Sub to Terminal Block RJ45 3 AMP Reset Size 32 Housing	
DP1-2RJ45-24LS	Single Outlet 2 x RJ45 Size 24 Housing	
DB09-RJ45-10LS	9 Pin D-Sub RJ45 Size 10 Housing	
DP-R-TS	Duplex Receptacle 3 AMP Reset DIN Rail Mounting	
GF-DB15-R-32	GFCI Receptacle 15 Pin D-Sub 3 AMP Reset Size 32 Housing	

Part Number	Description	Faceview
DP-2RJ45-R-32	Duplex Receptacle 2- RJ45 3 AMP Reset Size 32 Housing	
DP1-2DB9-RJ45-R-32	Single Outlet 2 x 9 Pin D-Subs RJ45 3 AMP Reset Size 32 Housing	
GF-RJ45-10R-32	GFCI Receptacle RJ45 10 AMP Reset Size 32 Housing	
GF-2RJ45-R-32	GFCI Receptacle 2 x RJ45 3 AMP Reset Size 32 Housing	
DP1-RJ45-10LS	Single Outlet RJ45 Size 10 Housing	
RJ45-2USB-*-16LS	RJ45 2 x USB Form A Female with Cable to USB Form A Male Size 16 Housing	
DP-R-32	Duplex Receptacle 3 AMP Reset Size 32 Housing	
GF-15R-32	GFCI Receptacle 15 AMP Reset Size 32 Housing	
DP-RJ45-5R-32	Duplex Receptacle RJ45 5 AMP Reset Size 32 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

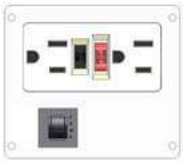
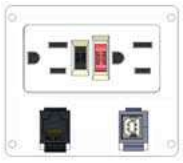
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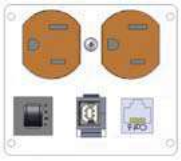
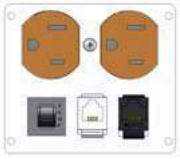


Panel Interface Connectors

Popular PIC Models

Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

Part Number	Description	Faceview
GF-R-32	GFCI Receptacle 3 AMP Reset Size 32 Housing	
GF-RJ45-USB-BFAF-32	GFCI Receptacle RJ45 USB Female Form B to Female Form A Size 32 Housing	
DCH1-RJ45-R-32	China 10 AMP Receptacle RJ45 3 AMP Reset Size 32 Housing	
RJ11-06LS	RJ11 Size 06 Housing	
DB09-2RJ45-16LS	9 Pin D-Sub 2 x RJ45 Size 16 Housing	
RJ45-2USB-*-24	RJ45 2 x USB Form A Female with Cable to USB Form A Male Size 24 Housing	
GF-DB9F-RJ45-R-32	GFCI Receptacle 9 pin D-Sub Female Exterior/Female Interior RJ45 3 AMP Reset Size 32 Housing	
D-USB-16LS	2 x USB A connections Size 16 Housing	
GF-2RJ45-5R-32	GFCI Receptacle 2 x RJ45 5 AMP Reset Size 32 Housing	

Part Number	Description	Faceview
DP1-DB9M-16LS	Single Outlet 9 Pin D-Sub Male Exterior/Male Interior Size 16 Housing	
DP-RJ45S-USB-BFAF-R-32	Duplex Receptacle Shielded RJ45 USB Female Form B to Female Form A 3 AMP Reset Size 32 Housing	
D-BNC-2-10LS	2 x BNC Size 10 Housing	
DP1-USB-BFAF-16LS	Single Outlet USB Female Form B to Female Form A Size 16 Housing	
DUK-RJ45-R-32	UK Receptacle RJ45 3 AMP Reset Size 32 Housing	
DP-RJ11-RJ45-R-32	Duplex Receptacle RJ11 RJ45 3 AMP Housing Size 32 Housing	
RJ45-USB-*-10LS	RJ45 USB Form A Female with Cable to USB Form A Male Size 10 Housing	
DP1-06LS	Single Outlet Size 06 Housing	
DP1-RJ11-2RJ45-R-32	Single Outlet RJ11 2 x RJ45 3 AMP Reset Size 32 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

PICs with International outlets are non-UL.

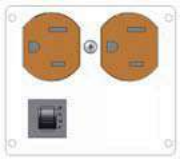
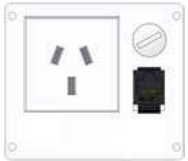
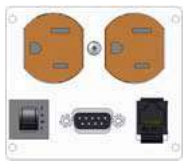
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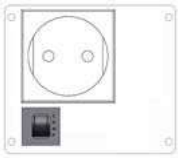
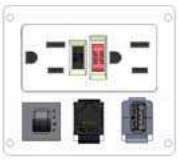
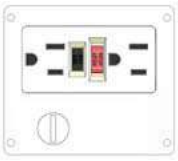
Panel Interface Connectors

Popular PIC Models



Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

Part Number	Description	Faceview
DP1-DB9-16LS	Single Outlet 9 Pin D-Sub Size 16 Housing	
DB25-16LS	25 Pin D-Sub Size 16 Housing	
DP1-RJ11-R-16	Single Outlet RJ11 3 AMP Reset Size 16 Housing	
DP-DB9-R-32	Duplex Receptacle 9 Pin D-Sub No Reset Size 32 Housing	
DP-15R-P32	Duplex Receptacle 15 AMP Reset Size 32 Surface Mount Housing	
DB09-2-10LS	2 x 9 Pin D-Sub Size 10 Housing	
DB09-4-24LS	4 x 9 Pin D-Sub Size 24 Housing	
DCH1-RJ45-32	China 10 AMP Receptacle RJ45 Size 32 Housing	
DHDP-DB9-RJ45-R-32	Duplex Receptacle Data Hwy DB9 RJ45 3 AMP Reset Size 32 Housing	

Part Number	Description	Faceview
EP-R-32	Continental European Receptacle 3 AMP Reset Size 32 Housing	
GF-RJ45-USB-AFAF-R-32	GFCI Receptacle RJ45 USB Female Form A to Female Form A 3 AMP Reset Size 32 Housing	
GF-DB9-R-32	GFCI Receptacle 9 Pin D-Sub 3 AMP Reset Size 32 Housing	
DCH2-RJ45-R-32	China 16 AMP Receptacle RJ45 3 AMP Reset Size 32 Housing	
GF-RJ45-USB-*-R-32	GFCI Receptacle RJ45 USB Form A Female with Cable to USB Form A Male 3 AMP Reset Size 32 Housing	
DP1-DDB15-RJ45-2USB-*-R-48	Single Outlet Hi-Density 15 Pin D-Sub RJ45 2 x USB Form A Female with Cable to USB Form A Male 3 AMP Reset Size 48 Housing	
D-2USB-*-10LS	2 x USB Form A Female with Cable to USB Form A Male Size 10 Housing	
GF20-NR-32	20A GFCI Receptacle No Reset Size 32 Housing	
DP1-RJ45-USB-BFAF-R-24	Single Outlet RJ45 USB Female Form B to Female Form A 3 AMP Reset Size 24 Housing	

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

PICs with International outlets are non-UL.

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Panel Interface Connectors

Other Popular Models

Duplex Versions | Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

c UL us LISTED Encl. Acc.

Part Number	Description
DP-2-32	2 x Duplex Receptacles, Size 32 Housing
DP-2DB9-32	Duplex Receptacle, 2 x 9 Pin D-Sub, Size 32 Housing
DP-2RJ45-32	Duplex Receptacle, 2 x RJ45, Size 32 Housing
DP-2RJ45-R-P32	Duplex Receptacle, 2 x RJ45, 3 AMP Reset, Size 32 Surface Mount Housing
DP-2USB-*-2RJ45-32	Duplex Receptacle, 2 x USB Form A Female with Cable to USB Form A Male, 2 x RJ45, Size 32 Housing
DP-DB9F-RJ45S-R-32	Duplex receptacle, 9 pin D-Sub Female Exterior/Female Interior, Shielded RJ45, 3 AMP reset, Size 32 housing
DP-DB9-RJ45-5R-32	Duplex Receptacle, 9 Pin D-Sub, RJ45, 5 AMP Reset, Size 32 Housing
DP-DB9-RJ45-NR-32	Duplex Receptacle, 9 Pin D-Sub, RJ45, No Reset, Size 32 Housing
DP-DB9-USB-*-32	Duplex Receptacle, 9 Pin D-Sub, USB Form A Female with Cable to USB Form A Male, Size 32 Housing
DP-DDB15-6M2-RJ45-USB-R-48	Duplex Receptacle, Hi-Density 15 Pin D-Sub, 2x6 Pin Mini-DIN, RJ45, 2xUSB Form A, 3 AMP Reset, Size 48 Housing
DP-DDB15-RJ45-4USB-*-48LS	Duplex Receptacle, Hi-Density 15 Pin D-Sub, RJ45, 4 x USB Form A Female with Cable to USB Form A Male, Size 48 Housing
DP-RJ45-10R-32	Duplex Receptacle, RJ45, 10 AMP Reset, Size 32 Housing
DP-RJ45-2USB-AFAF-R-32	Duplex Receptacle, RJ45, 2 x USB Form A Female to Female, 3 AMP Reset, Size 32 Housing
DP-RJ45-2USB-AFBF-R-32	Duplex Receptacle, RJ45, 2 x USB Form A Female to Form B Female, 3 AMP Reset, Size 32 Housing
DP-RJ45-NR-32	Duplex Receptacle, RJ45, No Reset, Size 32 Housing
DP-RJ45-USB-*-R-32	Duplex Receptacle, RJ45, USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 32 Housing
DP-RJ45-USB-BFAF-R-32	Duplex Receptacle, RJ45, USB Form B Female to Form A Female, 3 AMP Reset, Size 32 Housing
DP-USB-*-NR-32	Duplex Receptacle, USB Form A Female with Cable to USB Form A Male, No Reset, Size 32 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

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Panel Interface Connectors

Other Popular Models



120V GFCI Versions | Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

c UL us LISTED Encl. Acc.

Part Number	Description
GF20 -20R-32	20A GFCI Receptacle, 20 AMP Reset, Size 32 Housing
GF-2DB25-R-48	GFCI Receptacle, 2 x 25 Pin D-Sub, 3 AMP Reset, Size 48 Housing
GF-2RJ45-USB-BFAF-32	GFCI Receptacle, 2 x RJ45, USB Form B Female to Form A Female, Size 32 Housing
GF-DB15-RJ45-USB-BFAF-32	GFCI Receptacle, 15 Pin D-Sub, RJ45, USB Form B Female to Form A Female, Size 32 Housing
GF-DB25-USB-NR-48	GFCI Receptacle, 25 Pin D-Sub, 2 x USB Form A, No Reset, Size 48 Housing
GF-DB25-USB-R-48	GFCI Receptacle, 25 Pin D-Sub, 2 x USB Form A, 3 AMP Reset, Size 48 Housing
GF-DB9-2RJ45-32	GFCI Receptacle, 9 Pin D-Sub, 2 x RJ45, Size 32 Housing
GF-DB9-DB25-RJ45-R-48	GFCI Receptacle, 9 Pin D-Sub, 25 Pin D-Sub, RJ45, 3 AMP Reset, Size 48 Housing
GF-DB9M-RJ45-R-32	GFCI Receptacle, 9 pin D-Sub Female Exterior/Male Interior, RJ45, 3 AMP Reset, Size 32 Housing
GF-DB9M-RJ45-USB-*-R-48	GFCI Receptacle, 9 Pin D-Sub Female Ext./Male Int., RJ45, USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 48 Housing
GF-DB9-PC9-RJ45-USB-48	GFCI Receptacle, 9 Pin D-Sub Female to a Discrete Wire Pluggable Screw Terminal Block, RJ45, 2xUSB Form A, Size 48 Housing
GF-DB9-RJ45-15R-32	GFCI Receptacle, 9 Pin D-Sub, RJ45, 15 AMP Reset, Size 32 Housing
GF-MDB9-RJ45-USB-AFAF-32	GFCI Receptacle, 9 Pin D-Sub Male Exterior/Female Interior, RJ45, USB Form A Female to Female, Size 32 Housing
GF-NR-32	GFCI Receptacle, No Reset, Size 32 Housing
GF-RJ11-RJ45-R-32	GFCI Receptacle, RJ11, RJ45, 3 AMP Reset, Size 32 Housing
GF-RJ45-15R-32	GFCI Receptacle, RJ45, 15 AMP Reset, Size 32 Housing
GF-RJ45-6M-USB-*-R-48	GFCI Receptacle, RJ45, 6 Pin Mini-DIN, USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 48 Housing
GF-RJ45-8M-R-32	GFCI Receptacle, RJ45, 8 Pin Mini-DIN, 3 AMP Reset, Size 32 Housing
GF-RJ45-NR-P32-2X8	GFCI Receptacle, RJ45, No Reset, Size 32 Surface Mount Housing with Insert for 2-8mm Cables
GF-RJ45-R-P32	GFCI Receptacle, RJ45, 3 AMP Reset, Size 32 Surface Mount Housing
GF-RJ45S-NR-32	GFCI Receptacle, Shielded RJ45, No Reset, Size 32 Housing
GF-RJ45-USB-*-R-32	GFCI Receptacle, RJ45, USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 32 Housing
GF-RJ45-USB-AFAF-32	GFCI Receptacle, RJ45, USB Form A Female to Female, Size 32 Housing
GF-RJ45-USB-AFBF-R-32	GFCI Receptacle, RJ45, USB Form A Female to Form B Female, 3 AMP Reset, Size 32 Housing
GF-RJ45-USB-BFAF-R-32	GFCI Receptacle, RJ45, USB Form B Female to Form A Female, 3 AMP Reset, Size 32 Housing
GF-USB-BFAF-NR-32	GFCI Receptacle, USB Form B Female to Form A Female, No Reset, Size 32 Housing
GF-USB-BFAF-R-32	GFCI Receptacle, USB Form B Female to Form A Female, 3 AMP Reset, Size 32 Housing
GF-USB-R-32	GFCI Receptacle, 2 x USB Form A, 3 AMP Reset, Size 32 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

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Panel Interface Connectors

Other Popular Models

Single Outlet Versions | Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

c UL us LISTED Encl. Acc.

Part Number	Description
DP1-2-16LS	2 x Single Outlet, Size 16 Housing
DP1-2DB9-16LS	Single Outlet, 2 x 9 Pin D-Sub, Size 16 Housing
DP1-2DB9-DB15-32	Single Outlet, 2 x 9 Pin D-Sub,15 Pin D-Sub, Size 32 Housing
DP1-2DB9F-RJ45-R-32	Single Outlet, 2 x 9 Pin D-Sub Female Ext/Female Interior, RJ45, 3 AMP Reset, Size 32 Housing
DP1-2DB9-RJ45-32	Single Outlet, 2 x 9 Pin D-Sub, RJ45, Size 32 Housing
DP1-2RJ45-R-24	Single Outlet, 2 x RJ45, 2 AMP Reset, Size 32 Housing
DP1-3USB-*-R-32	Single Outlet, 3 x USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 32 Housing
DP1-8M-16LS	Single Outlet, 8 Pin Mini-DIN, Size 16 Housing
DP1-8M-R-24LS	Single Outlet, 8 Pin Mini-DIN, 3 AMP Reset, Size 24 Housing
DP1-DB9-R-16LS	Single Outlet, 9 Pin D-Sub, 3 AMP Reset, Size 16 Housing
DP1-DB9-RJ45-5R-32	Single Outlet, 9 Pin D-Sub, RJ45, 5 AMP Reset, Size 32 Housing
DP1-DB9-RJ45-R-32	Single Outlet, 9 Pin D-Sub, RJ45, 3 AMP Reset, Size 32 Housing
DP1-DB9-RJ45-USB-*-R-32	Single Outlet, 9 Pin D-Sub, RJ45, USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 32 Housing
DP1-DDB15F-RJ45-USB-32	Single Outlet, Hi-Density 15 Pin D-Sub Female Ext./Int., RJ45, 2xUSB Form A, Size 32 Housing
DP1-DDB15F-USB-R-32	Single Outlet, Hi-Density 15 Pin D-Sub Female Ext./Int., 2xUSB Form A, 3 AMP Reset, Size 32 Housing
DP1-DDB15-RJ45-2USB-*-R-48	Single Outlet, Hi-Density 15 Pin D-Sub, RJ45, 2 x USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 48 Housing
DP1-DDB15-USB-R-32	Single Outlet, Hi-Density 15 Pin D-Sub, RJ45, 2xUSB Form A, 3 AMP Reset, Size 32 Housing
DP1-MDB9-RJ45-16LS	Single Outlet, 9 Pin D-Sub Male Exterior/Female Interior, RJ45, Size 16 Housing
DP1-RJ45-2USB-*-R-32	Single Outlet, RJ45, 2 x USB Form A Female with Cable to USB Form A Male, 3 AMP Reset, Size 32 Housing
DP1-RJ45-USB-AFAF-R-24	Single Outlet, RJ45, USB Form A Female to Female, 3 AMP Reset, Size 24 Housing
DP1-RJ45-USB-R-32	Single Outlet, RJ45, 2 x USB Form A, 3 AMP Reset, Size 32 Housing
DP1-USB-*-16LS	Single Outlet, USB Form A Female with Cable to USB Form A Male, Size 16 Housing
DP1-USB-AFAF-16LS	Single Outlet, USB Form A Female to Female, Size 16 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

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Panel Interface Connectors

Other Popular Models



Non-Power Versions | Standard Metal Housing | UL Type 4, 4X, 12 | IP65 Rating

c UL us LISTED Encl. Acc.

Part Number	Description
DB09-2-PL10	2 x 9 Pin D-Sub, Size 10 Plate
DB09-2-RJ45-24	2 x 9 Pin D-Sub, RJ45, Size 24 Housing
DB09-2-RJ45-5M12-24	2 x 9 Pin D-Sub, RJ45, 5 Pole MDC(M12) Receptacle, Size 24 Housing
DB09-3-16LS	3 x 9 Pin D-Sub, Size 16 Housing
DB09-DDB15-USB-RJ45-6M2-32	9 Pin D-Sub, Hi-Density 15 Pin D-Sub, 2 x USB Form A, RJ45, 2 x 6 Pin Mini-Din, Size 32 Housing
DB09F-PL06	9 Pin D-Sub Female Exterior/Female Interior, Size 6 Plate
DB09M-06LS	9 Pin D-Sub Male Exterior/Male Interior, Size 6 Housing
DB09-PL06	9 Pin D-Sub, Size 6 Plate
DB09-RJ45-USB-*-24LS	9 Pin D-Sub, RJ45, USB Form A Female with Cable to USB Form A Male, Size 24 Housing
DB09-USB-*-10LS	9 Pin D-Sub, USB Form A Female with Cable to USB Form A Male, Size 10 Housing
DB15-DB25-PL24	15 Pin D-Sub, 25 Pin D-Sub, Size 24 Plate
DB25-2-4BNC-48	2 x 25 Pin D-Sub, 4 x BNC Female/Female, Size 48 Housing
DB25-RJ45-USB-32	25 Pin D-Sub, RJ45, 2 x USB Form A, Size 32 Housing
DB37-16LS	37 Pin D-Sub, Size 16 Housing
DB9-DB9F-DDB15-RJ45-3USB-*-32	9 Pin D-Sub, 9 Pin D-Sub Female Ext./Female Int., Hi-Density 15 Pin D-Sub, RJ45, 3 x USB Form A Female with Cable to USB Form A Male, Size 32 Housing
DBM09-06LS	9 Pin D-Sub Male Exterior/Male Interior, Size 6 Housing
DBM09-2RJ45-3USB-*-32	9 Pin D-Sub Male Exterior/Male Interior, 2 x RJ45, 3 x USB Form A Female with Cable to USB Form A Male, Size 32 Housing
DBM09-3-16LS	3 x 9 Pin D-Sub Male Exterior/Male Interior, Size 16 Housing
DDB15-USB-24	Hi-Density 15 Pin D-Sub, 2 x USB Form A, Size 24 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.

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Panel Interface Connectors

Other Popular Models

c UL us LISTED
Encl. Acc.

Part Number	Description
	DIN Rail Mounted (For Inside Panels)
DB9-TS	9 Pin D-sub, DIN Rail Mount
DP1-RJ45-TS	Single Outlet Receptacle, RJ45, DIN Rail Mount
DP-TS	Duplex Receptacle, DIN Rail Mount
	Ethernet
RJ45-4-24LS	4 x RJ45, Size 6 Housing
RJ45C-2-10LS	2 x RJ45 with Punchdown, Size 10 Housing
	USB
D-2USB-AFAF-2RJ45-24LS	2xUSB Form A Female to Female, 2 x RJ45, Size 24 Housing
D-USB-*-PL06	USB Form A Female with Cable to USB Form A Male, Size 6 Plate
D-USBBB-*-06LS	USB Form B Female to Form B Male Cable, Size 6 Housing
D-USB-RJ45-24LS	2 x USB Form A, RJ45, Size 24 Housing
	Others
DFD-24LS-KIT	Housing and Bracket for Mounting 3-1/2 Bay Unit (Floppy Drives, Zip Drives, Jazz Drives, etc.), Drives Not Included
D-FOPT-12	Fiber Optic Connector, 1/2-14 NPT Shell
D-HDMI-**-06LS	HDMI Male/Female Cable, Size 6 Housing
DMC-RJ45-R-16	C14 Male Receptacle IEC, RJ45, 3 AMP Reset, Size 16 Housing
IEC-2-GF-48	2 x C13 Female Receptacles IEC with GFCI, Size 48 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.
** Length in meters.

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Panel Interface Connectors

Other Popular Models



Part Number	Description
	Australia
DAS-32	Australian Outlet, Size 32 Housing
DAS-DB9-RJ45-R-32	Australian Outlet, 9 Pin D-Sub, RJ45, 3 AMP Reset, Size 32 Housing
DAS-RJ45-5R-32	Australian Outlet, RJ45, 5 AMP Reset, Size 32 Housing
DAS-RJ45-R-32	Australian Outlet, RJ45, 3 AMP Reset, Size 32 Housing
	Continental Europe (German Schuko)
EP-2RJ45-R-32	Continental European Receptacle, 2 x RJ45, 3 AMP Reset, Size 32 Housing
EP-DB25-RJ45-32	Continental European Receptacle, 25 Pin D-Sub, RJ45, Size 32 Housing
EP-DM8-NR-32	Continental European Receptacle, 8 Pin Mini-DIN, No Reset, Size 32 Housing
EP-RJ45-2USB-AFAF-R-32	Continental European Receptacle, RJ45, 2xUSB Form A Female to Female, 3 AMP Reset, Size 32 Housing
EP-RJ45-NR-32	Continental European Receptacle, RJ45, No Reset, Size 32 Housing
EP-RJ45-USB-*-32	Continental European Receptacle, RJ45, USB Form A Female with Cable to USB Form A Male, Size 32 Housing
EP-USB-*-32	Continental European Receptacle, USB Form A Female with Cable to USB Form A Male, Size 32 Housing
	Other International
DBR22-10A-RJ45-R-32	Brazilian 10 AMP Receptacle, RJ45, 3 AMP Reset, Size 32 Housing
DCH1-NR-32	China 10 AMP Receptacle, No Reset, Size 32 Housing
DFR-RJ45-NR-32	French Receptacle, RJ45, No Reset, Size 32 Housing
DIN-RJ45-R-32	India Receptacle, RJ45, 3 AMP Reset, Size 32 Housing
DUN-RJ45-32	Universal Receptacle, RJ45, Size 32 Housing
DUN-RJ45-R-48	Universal Receptacle, RJ45, 3 AMP Reset, Size 32 Housing

* Length in feet. Standard cable lengths are 3,6 & 10 feet. Consult factory for other lengths.
PICs with International outlets are non-UL.

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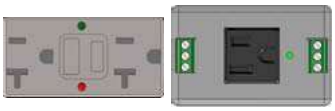
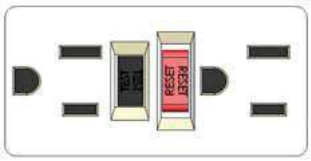
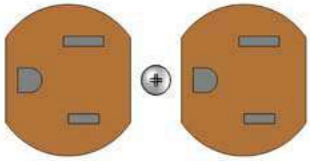
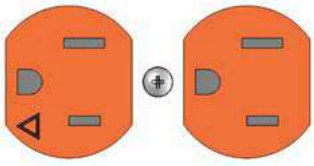
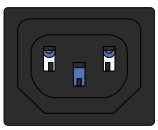


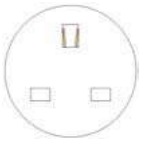
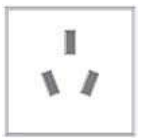
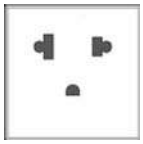
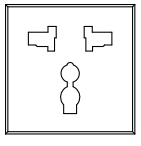
Panel Interface Connectors

PIC Components

120V/250V Power Ports | International Power Ports

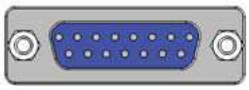
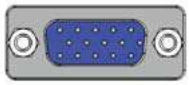
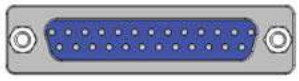
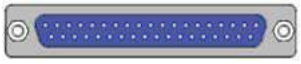
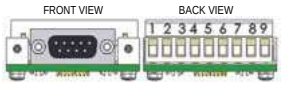
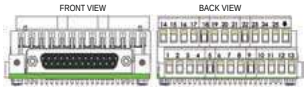
Mencom Corporation offers a large variety of PIC configurations. Custom orders are welcome. Use the components listed below to configure a panel interface connector to fit your application. Please consult the factory at 770-534-4585 for part numbers and application compliance.

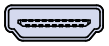
120V/250V Power Ports		
Code	**Description**	**Faceview**
GFDP1	**Front** 120V GFCI Receptacle Back 120V Simplex Receptacle	 **Front** Back
GF	120V GFCI Receptacle	
DP	120V Duplex Receptacle	
DP1	120V Simplex Receptacle	
DPT	120V "Twist Lock" Duplex Receptacle	
DPIG	120V Isolated Ground Duplex Receptacle	
DEC	250V/15A Female Receptacle	
DMC	250V/15A Male Receptacle	

International Power Ports		
Code	**Description**	**Faceview**
EP	Continental European Receptacle	
DIN	India Receptacle	
DUK	United Kingdom Receptacle	
DAS	Australian Receptacle	
DCH1	China 10 AMP	
DCH2	China 16 AMP	
DBR	Brazilian Receptacle	
FR	French Receptacle	
DUN	Universal Receptacle (USA, European, UK, Australia, Asia, Thailand)	

Models containing an international power outlet do not carry UL.

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Code	Description	Faceview
DB9	9 Pin D-Sub Female Ext/ Male Interior	
DB9M	9 Pin D-Sub Male Ext/ Male Interior	
MDB9	9 Pin D-Sub Male Ext/ Female Interior	
DB9F	9 Pin D-Sub Female Ext/ Female Interior	
DB15	15 Pin D-Sub Female Ext/ Male Interior	
DB15M	15 Pin D-Sub Male Ext/ Male Interior	
MDB15	15 Pin D-Sub Male Ext/ Female Interior	
DB15F	15 Pin D-Sub Female Ext/ Female Interior	
DDB15	Hi-Density 15 Pin D-Sub, Female Ext/Male Interior	
DDB15M	Hi-Density 15 Pin D-Sub Male Ext/Male Interior	
MDDB15	Hi-Density 15 Pin D-Sub Male Ext/Female Interior	
DDB15F	Hi-Density 15 Pin D-Sub Female Ext/Interior	
DB25	25 Pin D-Sub Female Ext/ Male Interior	
DB25M	25 Pin D-Sub Male Ext/ Male Interior	
MDB25	25 Pin D-Sub Male Ext/ Female Interior	
DB25F	25 Pin D-Sub Female Ext/ Female Interior	
DB37	37 Pin D-Sub Female Ext/ Male Interior	
DB37M	37 Pin D-Sub Male Ext/ Male Interior	
MDB37	37 Pin D-Sub Male Ext/ Female Interior	
DB37F	37 Pin D-Sub Female Ext/ Female Interior	
DB9-PC9	9 Pin D-Sub Female to a Discrete Wire Pluggable Screw Terminal Block	
DB25-PC25	25 Pin D-Sub Female to a Discrete Wire Pluggable Screw Terminal Block	

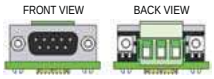
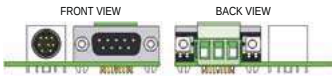
Code	Description	Faceview
RJ45	Ethernet Female/Female	
RJ11/12	Standard Phone Female/ Female	
RJ22	Handset Jack Female/ Female	
BNC	BNC Female/Female	
CX	Coaxial Female/Female	
8M	8 Pin Mini-Din Female/ Female	
6M	6 Pin Mini-Din Female/ Female	
USB	2 USB 3.0 Female Form A to USB 3.0 Form A Female	
USB-03	3 Foot Cable, Female Form A to Male Form A	
USB-06	6 Foot Cable, Female Form A to Male Form A	
USB-10	10 Foot Cable, Female Form A to Male Form A	
USB-AFAF	Single USB 3.0 Form A Female to USB 3.0 Form A Female	
USB-AFBF	Single Form A Female to Form B Female	
USB-BFAF	Single Form B Female to Form A Female	
HDMI	High-Definition Multimedia Interface	
FOPT	Fiber Optic	

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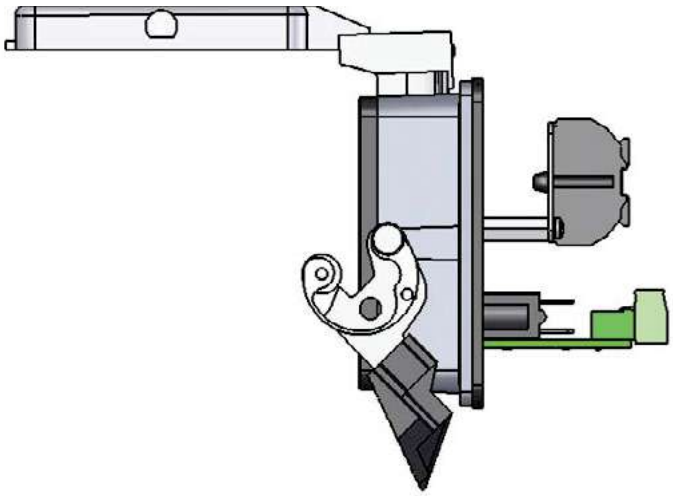
Panel Interface Connectors

PIC Components

Data Highway		
Code	**Description**	**Faceview**
DH-DB9	9 Pin D-Sub to 3 pin Pluggable Terminal Block	
DH-8M	8 pin Mini-Din to 3 Pin Pluggable Terminal Block	
DH-DB9-8M	9 Pin D-Sub and 8 Pin Mini-Din in Parallel	

Resets		
Code	**Description**	**Faceview**
NR (or Blank)	No reset	
R	3 AMP reset	
5R	5 AMP reset	
10R	10 AMP reset	
15R	15 AMP reset	

To specify Data Highway PICs, add “DH” Prefix in front of the part number.
(e.g. **DH**-DB9-06LS, **DH**DP-DB9-R-32)



These communication ports are wired to a 3 pin pluggable terminal block and are designed to work with Allen Bradley’s Data Highway System (“Blue Hose”).

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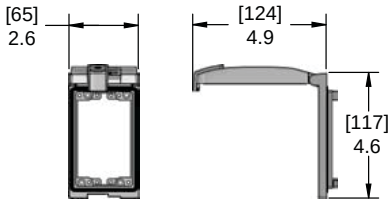
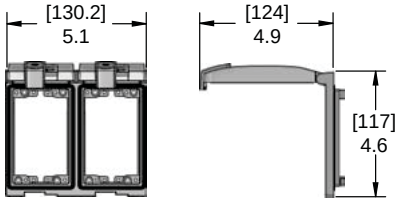
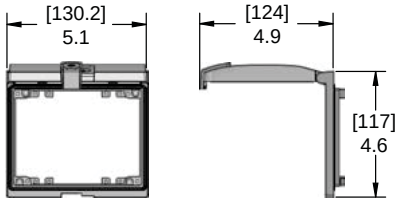
Panel Interface Connectors

Low Profile PIC Housings Dimensions and Cutouts



Clear Cover | Solid Construction | UL Type 4, 12 | IP65 Rating

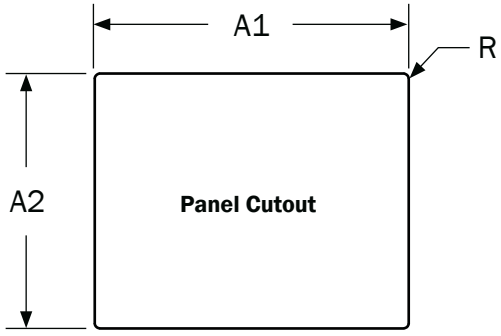
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Code	Description	Torque	Dimension	Panel Cut-Out		
				A1	A2	R
LP1	Single Cover	0.9 N-m (0.675 Lb-Ft)		52mm 2.05”	91mm 3.58”	2.0mm 0.08”
LP2	Two Single Covers	0.9 N-m (0.675 Lb-Ft)		117mm 4.61”	91mm 3.58	2.0mm 0.08”
LP3	Double Cover	0.9 N-m (0.675 Lb-Ft)		117mm 4.61”	91mm 3.58	2.0mm 0.08”

Information above is only to display dimensions and cutouts.

Specifications:

Body:	Nickel Plated Zinc
Front Cover:	Polycarbonate
Latch & Lock:	PBT
Back Cover:	Polypropylene
Panel Thickness:	5.0mm max
Gasket:	Nitrile/UL70



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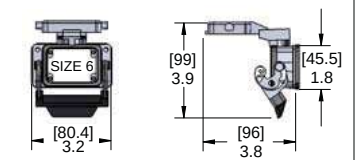
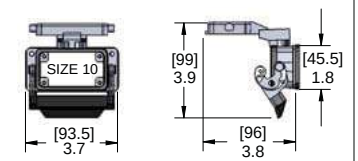
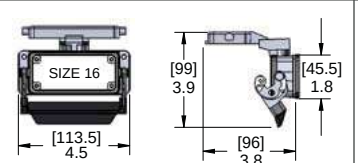
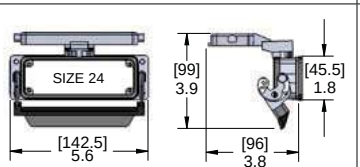
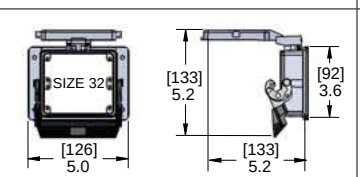
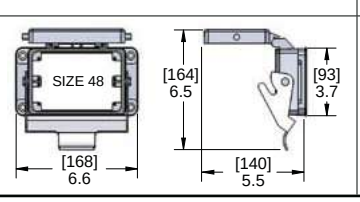


Panel Interface Connectors

Standard Metal Housings Dimensions and Cutouts

Bulkhead Mount Housing | UL Type 4, 4X, 12 | IP65 Rating

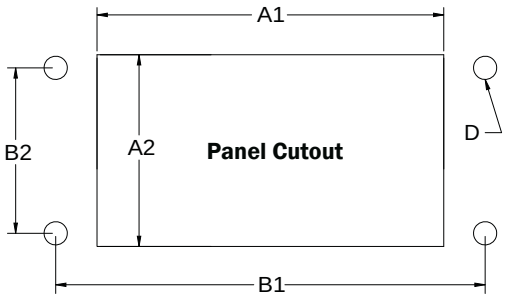
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Code	Description	Screw Size	Torque	Dimension	Panel Cut-Out				
					A1	A2	B1	B2	D
06LS	Size 6 Bulkhead Housing	M4	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		52mm 2.05”	35mm 1.38”	70mm 2.76”	32mm 1.26”	4.5mm .177”
10LS	Size 10 Bulkhead Housing	M4	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		67mm 2.64”	35mm 1.37”	83mm 3.27”	32mm 1.26”	4.5mm .177”
16LS	Size 16 Bulkhead Housing	M4	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		86mm 3.39”	35mm 1.38”	103mm 4.06”	32mm 1.26”	4.5mm .177”
24LS	Size 24 Bulkhead Housing	M4	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		112mm 4.41”	35mm 1.38”	130mm 5.12”	32mm 1.26”	4.5mm .177”
32LS	Size 32 Bulkhead Housing	M4	1.2 ~ 1.8 Nm (0.9 ~ 1.3 Lb-Ft)		88mm 3.46”	76mm 2.99”	110mm 4.33”	65mm 2.56”	4.5mm .177”
48LS	Size 48 Bulkhead Housing	M6	3.0 ~ 3.6 Nm (2.2 ~ 2.7 Lb-Ft)		125mm 4.92”	81mm 3.19”	148mm 5.83”	70mm 2.76”	6.5 mm .256”

Aggressive environment housings available, contact the factory.
Information above is only to display dimensions and cutouts.

Specifications:

Body:	Epoxy Coated Die Cast Aluminum
Gasket:	Thermoplastic Elastomer
Handle:	Polyamide
Lever:	Stainless Steel
Type 4 & Type 12:	Any Stainless Steel Screw
Type 4X :	304 or 316 Stainless Steel Screw



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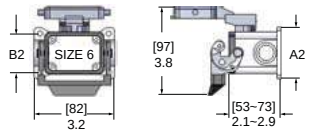
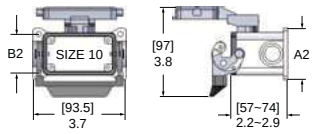
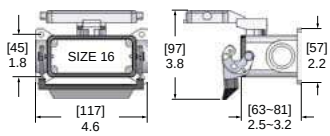
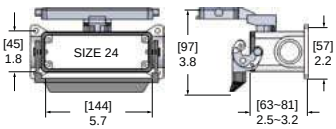
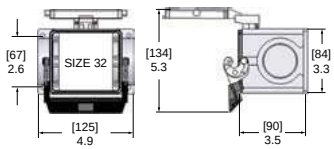
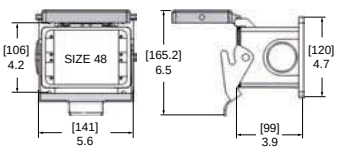
Panel Interface Connectors

Standard Metal Housings Dimensions and Cutouts



Surface Mount Housing | UL Type 4, 4X, 12 | IP65 Rating

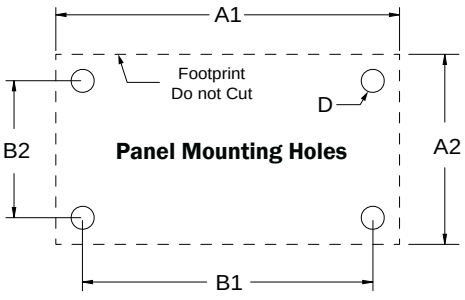
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Code	Description	Screw Size	Torque	Dimension	Panel Mounting Holes				
					A1	A2	B1	B2	D
P06	Size 6 Surface Mount Housing	M5 (5/32")	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		82mm 3.23"	**CHP/MHP** 52mm 2.05" **CAP/MAP** 57mm 2.24	70mm 2.76"	**CHP/MHP** 40mm 1.57" **CAP/MAP** 45mm 1.77"	5.5mm .217"
P10	Size 10 Surface Mount Housing	M5 (5/32")	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		93.5mm 3.68"	**CHP/MHP** 52mm 2.05" **CAP/MAP** 57mm 2.24	82mm 3.23"	**CHP/MHP** 40mm 1.57" **CAP/MAP** 45mm 1.77"	5.5mm .217"
P16	Size 16 Surface Mount Housing	M5 (5/32")	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		117mm 4.61"	57mm 2.24"	105mm 4.13"	45mm 1.77"	5.5mm .217"
P24	Size 24 Surface Mount Housing	M5 (5/32")	0.8 ~ 1.2 Nm (0.6 ~ 0.9 Lb-Ft)		144mm 5.67"	57mm 2.24"	132mm 5.20"	45mm 1.77"	5.5mm .217"
P32	Size 32 Surface Mount Housing	M5 (5/32")	1.2 ~ 1.8 Nm (0.9 ~ 1.3 Lb-Ft)		125mm 4.92"	84mm 3.31"	112mm 4.41"	67mm 2.64"	5.5mm .217"
P48	Size 48 Surface Mount Housing	M6 (7/32")	3.0 ~ 3.6 Nm (2.2 ~ 2.7 Lb-Ft)		141mm 5.55"	120mm 4.72"	111mm 4.37"	106mm 4.17"	6.5 mm .256"

Aggressive environment housings available, contact the factory.
Information above is only to display dimensions and cutouts.

Specifications:

Body:	Epoxy Coated Die Cast Aluminum
Gasket:	Thermoplastic Elastomer
Handle:	Polyamide
Lever:	Stainless Steel
Type 4 & Type 12:	Any Stainless Steel Screw
Type 4X :	304 or 316 Stainless Steel Screw



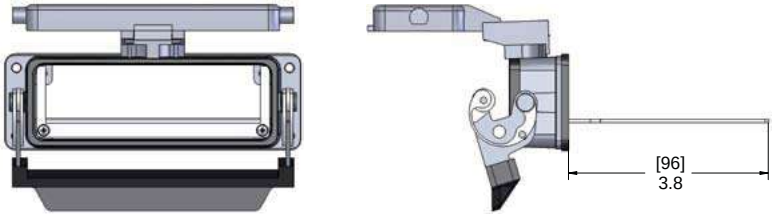
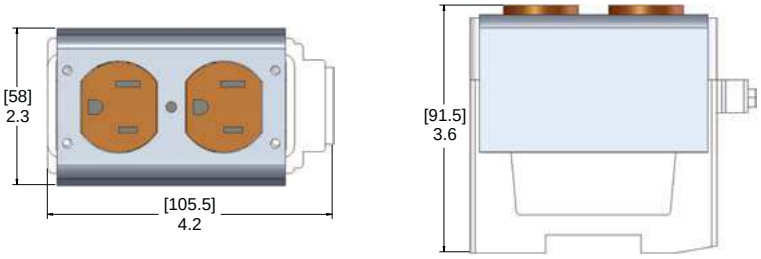
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Panel Interface Connectors

Other PIC Housings

Other Housings

Code	Description	Dimension
DFD	Size 24 housing for mounting floppy drives and zip drives.	
TS	For easy mounting inside the cabinet on DIN rails. This non-watertight version will only accommodate the size 6, 10, 16 and 24 versions.	

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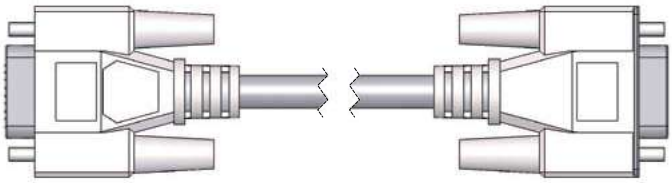
This series of 9pin, 25 pin, and 37pin D-Subminiature connectors are provided with a guaranteed color code for ease when hard wiring. All of these cables come standard with 4 20AWG wires for power, and 24AWG for the remaining wires.

# of Pins	Male Connector	Female Connector	Male to Female Double Ended Connector
9	N/A	DB09-FP-**	DB09-MFP-**
25	DB25-MP-**	DB25-FP-**	DB25-MFP-**
37	N/A	DB37-FP-**	DB37-MFP-**

** Lengths in meters. Standard cable lengths are 2, 5 & 10 meters. Consult factory for other lengths.

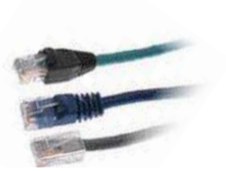
Specifications:

Cable Jacket: Oil Resistant Gray PVC
Over mold: Oil Resistant Gray PVC
Cable: 24 & 20 AWG with foil shield;
20 AWG drain wire;
last 4 wires are 20 AWG



Female Male

DB09 Cables		DB25 Cables				DB37 Cables					
Pin #	Color Code	Pin #	Color Code	Pin #	Color Code	Pin #	Color Code	Pin #	Color Code	Pin #	Color Code
1	Black	1	Black	14	Green	1	White	14	Violet/Red	27	Yellow/Red
2	Brown	2	Black/White	15	Green/Black	2	White/Black	15	Violet	28	Gray/Red
3	Red	3	Brown	16	Green/White	3	Green	16	Violet/Black	29	Pink/Red
4	Orange	4	Brown/White	17	Blue	4	Green/Black	17	Orange	30	Red/White
5	Yellow	5	Red	18	Blue/White	5	Yellow	18	Orange/Black	31	Light Green/Red
6	Green	6	Red/Black	19	Violet	6	Yellow/Black	19	Light Blue	32	Violet/White
7	Blue	7	Red/White	20	Violet/White	7	Gray	20	Light Blue/Black	33	Light Blue/Red
8	Violet	8	Orange/Black	21	Gray	8	Gray/Black	21	Light Green	34	Brown
9	White	9	Orange	22	Gray/Black	9	Pink	22	Light Green/Black	35	Brown/White
		10	Orange/White	23	Pink	10	Pink/Black	23	Blue/Black	36	Blue
		11	Yellow	24	Pink/Black	11	Red	24	Brown/Black	37	Blue/White
		12	Yellow/Black	25	White	12	Red/Black	25	White/Orange		
		13	Light Green			13	Black	26	Green/White		

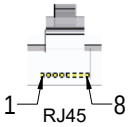
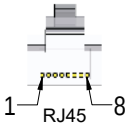
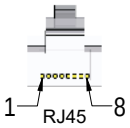
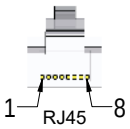


Ethernet Series Etherlink RJ45 Cordsets

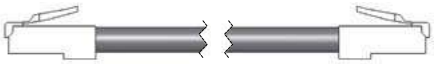
PIC Extension Cables

Double Ended Cordsets | 42 VDC, 1.5 amps | CAT5e/CAT6a | Strain Relief | IP20 Rating

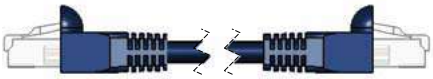


# of Poles	Front View	Wire AWG Rating	Cable Standard	Cables	Shield Type	Jacket Color	Part Number
RJ45 Male to Male Plug with No Strain Relief							
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Gray	RJ45-*
				PUR	N/A	Gray	RJ45P-**
RJ45 Male to Male Plug with Over-Molded Strain Relief							
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC Over-Molded	N/A	Blue	RJ45-IC-*-BU
						Red	RJ45-IC-*-RD
						Black	RJ45-IC-*-BK
					Foil Shield to RJ45 Connectors	Gray	RJ45S-IC-*-GY
						Blue	RJ45S-IC-*-BU
			CAT6a	PVC Over-Molded	N/A	Blue	RJ45C6-IC-*-BU
RJ45 Male to Male Plug with Strain Relief							
4		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-4MMP-**
				PVC	Foil Shield to RJ45 Connectors	Teal	RJ45S-4MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP-4MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-4MMP-**
8		24 AWG 42 VDC 1.5 A	CAT5e	PVC	N/A	Teal	RJ45-8MMP-**
				PUR	N/A	Teal	RJ45P-8MMP-**
				PUR	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SP -8MMP-**
				TPE	Foil & Braided Shield to RJ45 Connectors	Teal	RJ45SW-8MMP-**
		26 AWG 42 VDC 1.5 A	CAT5e	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45S-8MMP-**
			CAT6a	PVC	Foil Shield to RJ45 Connectors	Blue	RJ45C6-8MMPS-**

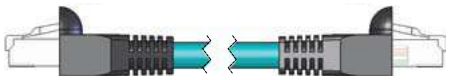
* Lengths in feet. Standard cable lengths are 1, 3, 7, 10, 15, 20, 25 & 50 feet. Consult factory for other lengths.
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.



RJ45 Male to Male Plug



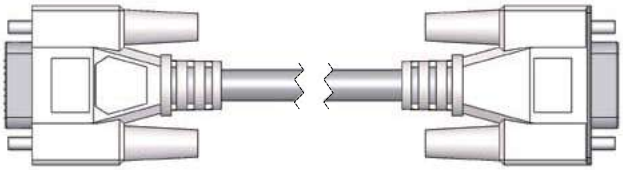
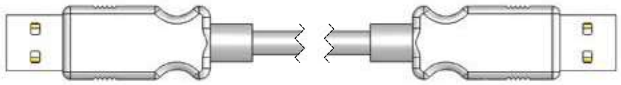
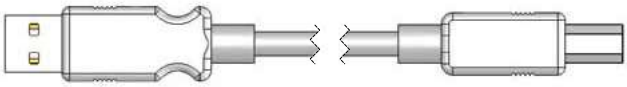
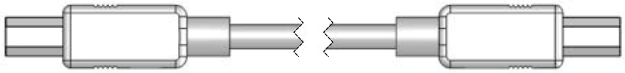
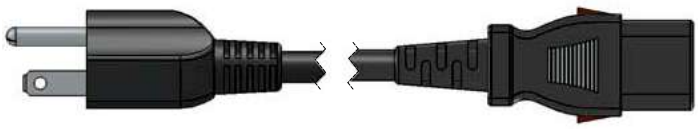
Over-Molded RJ45 Male to Male Plug



RJ45 Male to Male Plug with Strain Relief

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Connector Body Style	Connector Type	Part Number
 Female Male Not guaranteed color code See page 29 for guaranteed color code part numbers.	9 Pin D-Sub	DB09-MF-*
	15 Pin D-Sub	DB15-MF-*
	25 Pin D-Sub	DB25-MF-*
	37 Pin D-Sub	DB37-MF-*
	Hi Density 15 Pin D-Sub	DDB15-MF-*
 Male Male	USB style A Male to USB style A Male	USBAA-*
 Male Male	USB style A Male to USB style B Male	USBAB-*
 Male Male	USB style B Male to USB style B Male	USBBB-*
	Locking IEC Power	D-515-C13L-*

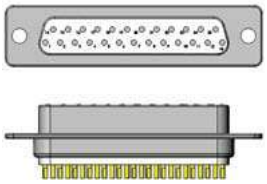
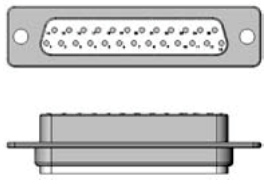
* Lengths in feet. Standard cable lengths are 3, 6 & 10 feet. Consult factory for other lengths.

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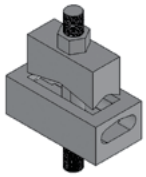
Panel Interface Connectors

PIC Accessories

D-Sub Inserts	Termination Type	# of Pins	Part Number	
			Male	Female
	Solder Cup	9	DB09MSC	DB09FSC
		15	DB15MSC	DB15FSC
		Hi-Density DB15	DDB15MSC	DDB15FSC
		25	DB25MSC	DB25FSC
		37	DB37MSC	DB37FSC
	Crimp Style	9	DB09MCR	DB09FCR
		15	DB15MCR	DB15FCR
		Hi-Density DB15	DDB15MCR	DDB15FCR
		25	DB25MCR	DB25FCR
		37	DB37MCR	DB37FCR
	Crimp Pins	N/A	DBMCP	DBFCP

D-Sub Shells	# of Pins	Cable O.D. Range	Metal	Plastic	Watertight
	9	5-9 mm	DB09-SHELL	DB09-SHELL-PA	N/A
	15	5-9 mm	DB15-SHELL	DB15-SHELL-PA	N/A
	25	6-10 mm	DB25-SHELL	DB25-SHELL-PA	DB25-HOOD-WT
	37	8.5-14.5 mm	DB37-SHELL	DB37-SHELL-PA	DB37-HOOD-WT

Thumb Screws included with shells.

Punch & Die Sets	Hole Style	Dimension	Part Number
	Size 6	35 mm x 52 mm	CHI-06-PUNCH
	Size 10	35 mm x 65 mm	CHI-10-PUNCH
	Size 16	35 mm x 85.5 mm	CHI-16-PUNCH
	Size 24	35 mm x 112.0 mm	CHI-24-PUNCH

These punches are intended to be used with Greenlee hydraulic hand tools. The punch and die set are available for size 6, 10, 16 and 24 openings only. While punching, the drill holes for fastening the connectors are marked by the die with center marks so that they can easily be drilled out afterwards.

Locking Bar and Padlcok	Description	Size	Part Number
	The Locking Bar and Padlock come as a kit. The bar is easily slid into the latch on the panel interface connector and the padlock is then attached through the open hole on the other end.	Size 6	D-PIC-LOCK-06
		Size 10	D-PIC-LOCK-10
		Size 24	D-PIC-LOCK-24
		Size 16 & 32	D-PIC-LOCK

Optional Screw Kits	Part Number	Screw Size	Description
	D-PIC-MT	M4	304 Stainless Steel Screw, Platic Washer, Split Washer, Nut
	D-PIC48-MT	M6	304 Stainless Steel Screw, Platic Washer, Split Washer, Nut

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Panel Interface Connectors

Port Adapters



Single Port Shell | M25 Threads | Metal version | UL Type 4, 12 | IP69 Rating

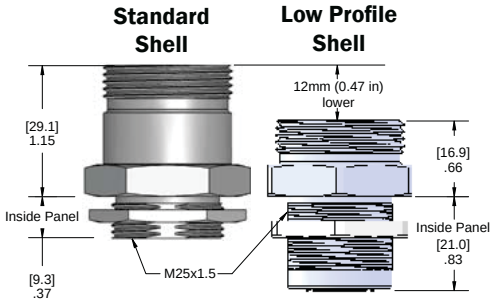
Our smallest Panel Interface Connectors are ideal for tight spaces. The anodized aluminum housing has a connector potted inside and can easily be mounted to a cabinet through a 1" diameter hole. A cap is supplied with each unit to make them suitable for wash down.

c UL us LISTED Encl. Acc.

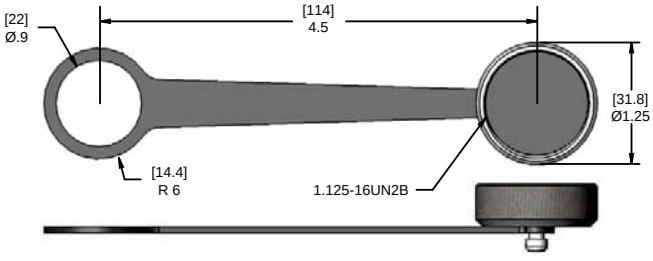
Part Number	Description	Front	Back
D-USB-AFAF-M25	USB Female TYPE A to USB Female TYPE A		
D-USB-AFBF-M25	USB Female TYPE A to USB Female TYPE B		
D-USB-BFAF-M25	USB Female TYPE B to USB Female TYPE A		
D-USB-BFBF-M25	USB Female TYPE B to USB Female TYPE B		
BNC-M25	BNC Jack to BNC Jack		
D-FOPT-2-M25	2 Agilent HFBR Fiber Optic Adaptors		

Part Number	Description	Front	Back
RJ45-M25	RJ45 Jack to RJ45 Jack		
RJ11-M25	RJ11 Jack to RJ11 Jack		
RJ22-M25	RJ22 Jack to RJ22 Jack		
DM6-M25	6 PIN Female MINI-DIN to 6 PIN Female MINI-DIN		
DM8-M25	8 PIN Female MINI-DIN to 8 PIN Female MINI-DIN		
Cutout		[23.2] .91 PANEL CUTOUT [25.2] Ø1.0	

Standard shell is anodized aluminum, for stainless steel shell add a "-SS" suffix. For low profile nickel plated brass shell, add a "-LP" suffix.



	Standard Shell	Low Profile Shell
Tightening Torque:	6.7 N-m	6.7 N-m
Max. Panel Thickness:	4 mm	10 mm



Sealing cap with tether supplied with each unit.
NBR tether also acts as gasket for sealing to panel.



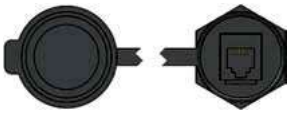
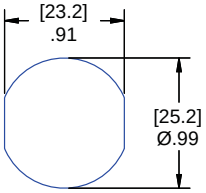
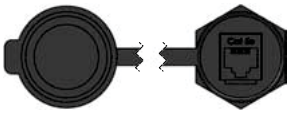
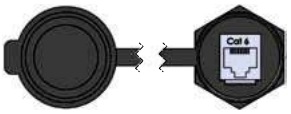
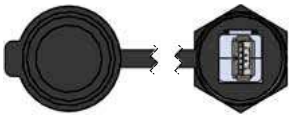
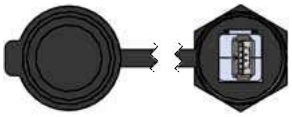
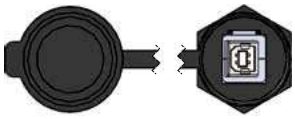
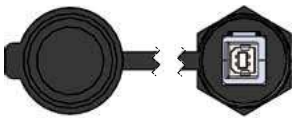
Panel Interface Connectors

PIC Accessories

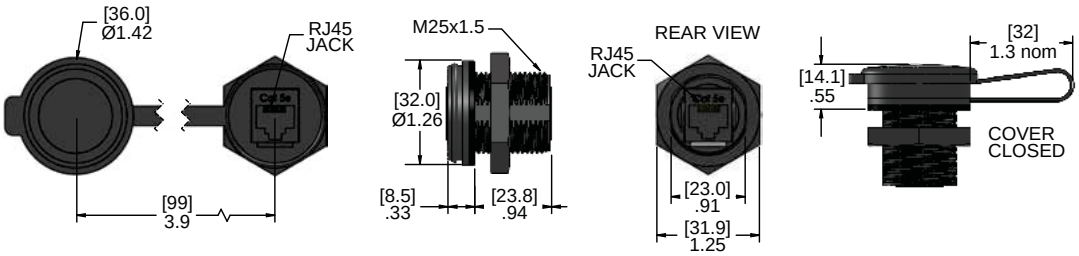
Low Profile Single Port Shell | M25 Threads | UL Type 12 | IP65, IP69 Rating

c UL us LISTED Encl. Acc.

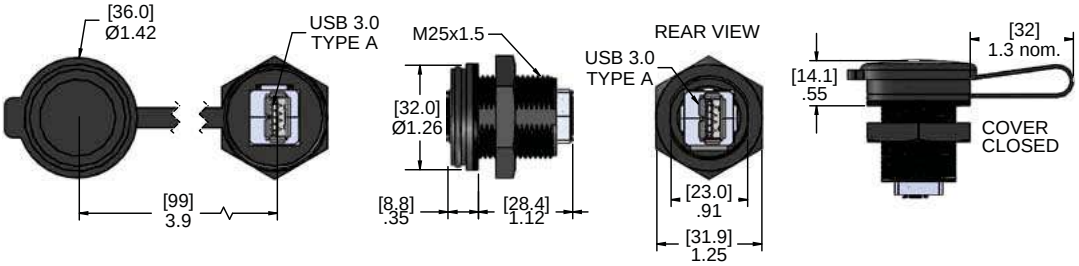
Mencom port adapters are available in a low profile black plastic shell with a M25 mounting thread. These port adapters have a RJ45, USB Type A, or USB Type B connector, and can easily be mounted to a cabinet through a 1" diameter hole. A cap is supplied with each unit to make them suitable for wash down.

Part Number	Description	Front	Back	Cutout
RJ12-M25-PA	RJ45 Jack to RJ45 Jack			 [23.2] .91 [25.2] Ø.99 Tightening Torque: 5.0 N-m Max. Panel Thickness: 15 mm
RJ45-M25-PA	RJ45 Jack to RJ45 Jack			
RJ45S-M25-PA	RJ45 Jack to RJ45 Jack with Shield			
D-USB-AFAF-M25-PA	USB Female TYPE A to Female TYPE A			
D-USB-AFBF-M25-PA	USB Female TYPE A to Female TYPE B			
D-USB-BFBF-M25-PA	USB Female TYPE B to Female TYPE B			
D-USB-BFAF-M25-PA	USB Female TYPE B to Female TYPE A			

RJ45 Port Adapters



USB Port Adapters



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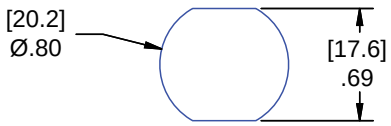
Panel Interface Connectors

Port Adapters



Single Port Shell | Back Mount | UL Type 12 | IP65, IP69 Rating

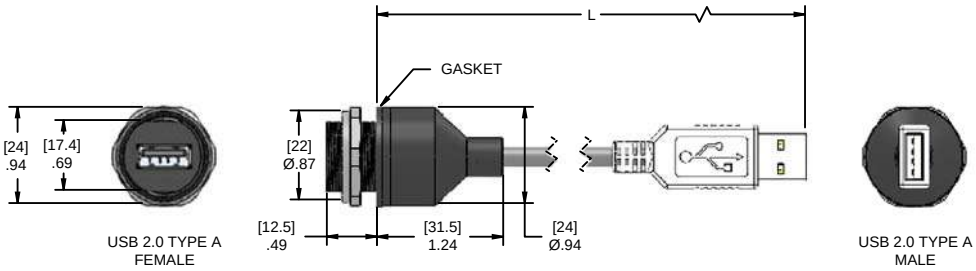
c UL us LISTED Encl. Acc.

Part Number	Description	Front	Back	M20 Cutout
USB-AFAM-BM-**	USB Female TYPE A to Male TYPE A			 (GREENLEE 61089)

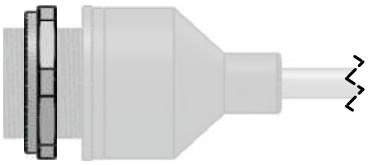
** Length in meter. Standard cable lengths are 0.5, 1, 2 & 3 meters. Consult factory for other lengths.

Specifications:

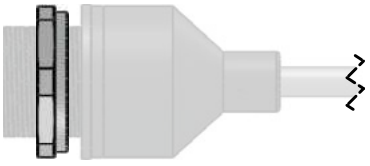
Body:	Black ABS
Gasket	Black TPE
Jam nut:	Black ABS
Tightening Torque:	3.5 N-m
Max. Panel Thickness:	7.5 mm

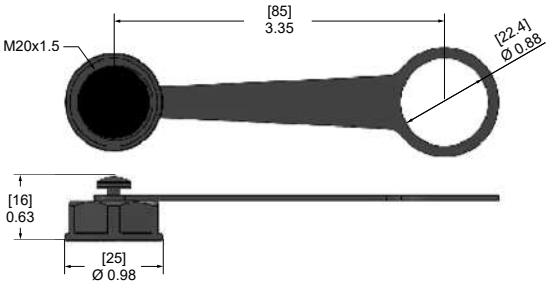


For M20 Cutout



For M22 Cutout





Cap (CAP-M20-PASW-M22T) included.

By flipping over the included jam nut, this port adapter will fit into an M22 cutout.



Panel Interface Connectors

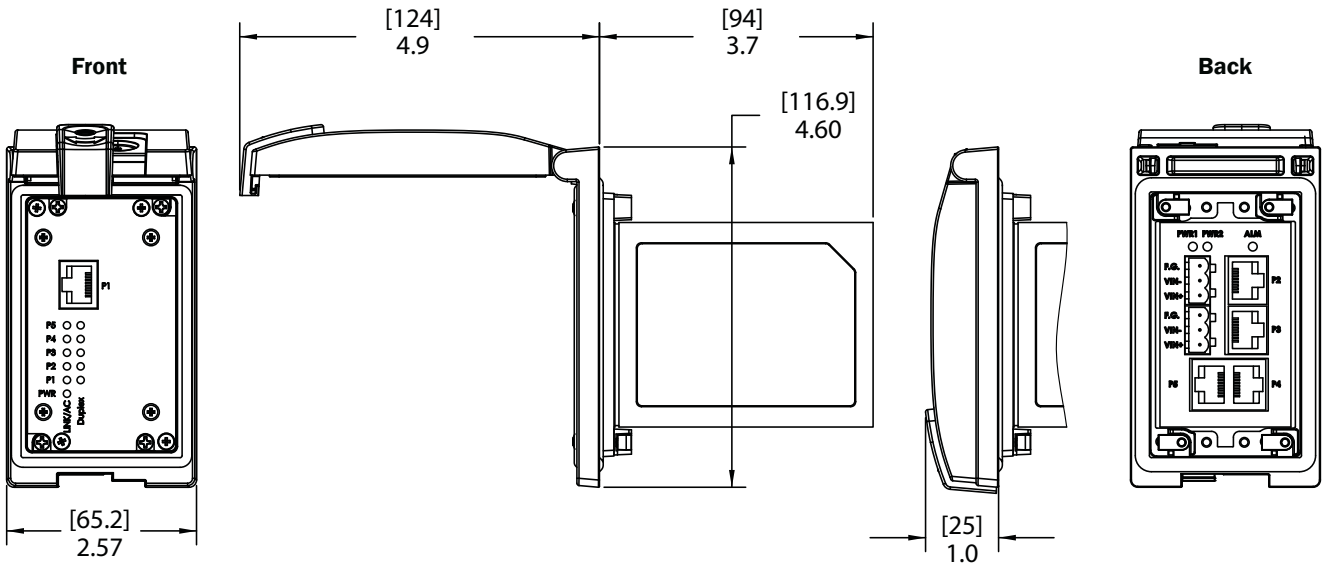
Entry Level Switch

Unmanaged Entry-Level Switches | LP1 Housing | IP65 Rating

c UL us LISTED
Encl. Acc.

Part Number	10/100 RJ45 Ports	Features
LP1-E45UM-5	5	Redundant Power Input

2 Pluggable terminal blocks included

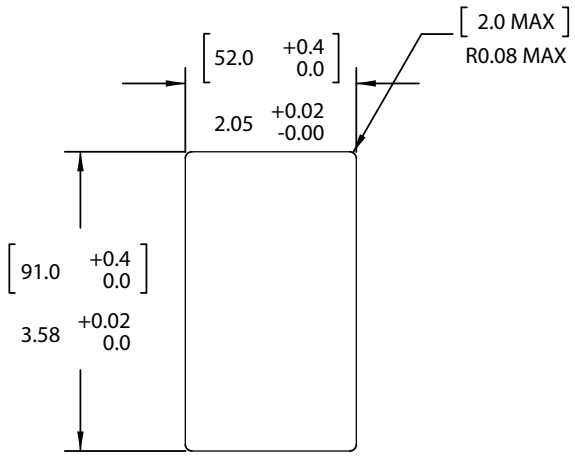


Specifications:

Volts:	9 - 30V
Amps:	0.6A Max
Panel Thickness:	5.0mm Max
Mounting Screw Torque:	0.8 N-m
Terminal Block Torque:	0.5 N-m
Incoming Power Wire Size:	0.25 - 2.5 sq mm/24-12AWG
Wire Strip Length:	7 - 8mm

Housing Materials:

Body:	Nickel Plated Zinc
Gaskets:	PUR FIPG
Front Cover:	Polycarbonate
Latch & Lock:	PBT



Panel Cutout

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Panel Interface Connectors

Entry Level Switch



Unmanaged Entry-Level Switches | LP1 Housing | IP65 Rating

c UL us LISTED Encl. Acc.

Ethernet	
Transmission Rate	10/100Mbps
Total Port	5
10/100Mbps	5
Connector	RJ-45 x 5
Auto MDI/MDI-X	Yes
Power Management	
Input	DC 9 ~ 30V
Connector	Dual 3 pin 5.08mm pitch Terminal block
Consumption	5.4Watts Max
Environmental Limits	
Operating Temperature	-10°C ~ 70°C (14ºF ~ 158ºF)
Storage Temperature	-40ºC ~ 85ºC (-40ºF ~ 185ºF)
Ambient Relative Humidity	5%~95% non-condensing

Regulatory Approvals	
Safety	UL60950-1,CSA C22.2 No.60950-1-03
FCC(EMI)	FCC 47 CFR Part15, Subpart B, Class A ICES-003, Class A ANSI C63.4-2003
CE(EMI)	EN 55022:1988+A1:2000+A2:2003, Class A EN 61000-3-2:2000, Class A EN 61000-3-3: 1995+A1:2001
CE(EMS)	EN 55024:1998+A1:2001+A2:2003 IEC 61000-4-2:2001 IEC 61000-4-3:2002+A1:2002 IEC 61000-4-4:2004 IEC 61000-4-5:2001 IEC 61000-4-6:2003+A1:2004 IEC 61000-4-8:2001 IEC 61000-4-11:2004
Shock	IEC 60068-2-27
Free Fall	IEC 60068-2-32
Vibration	IEC 60068-2-6
RoHS	Lead(Pb) Free
MTBF	455736 hrs(25°C) / 52.02 years(25°C)

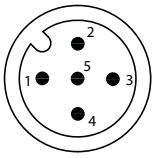
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com



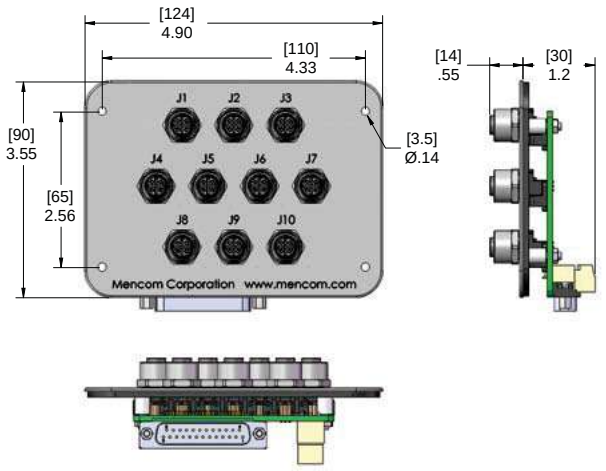
Panel Interface Connectors

10 - 5 Conductor JDC (M12) Panel Mount Junction Bocks

Size 32 | 3 Pin Pluggable Power Connector | 25 Pin D-Sub | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-DB25

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector
(for alternative to DB25 pins 21 - 25)

25 Pin D-Sub male connector

Wiring			
Port #	**PIN #**	**DB25 PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1	23 & 24	V+
ALL PORTS	3	21 & 22	V-
ALL PORTS	5	25	Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	

Specifications:

Ratings:	3 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

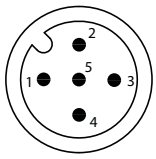
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

Panel Interface Connectors

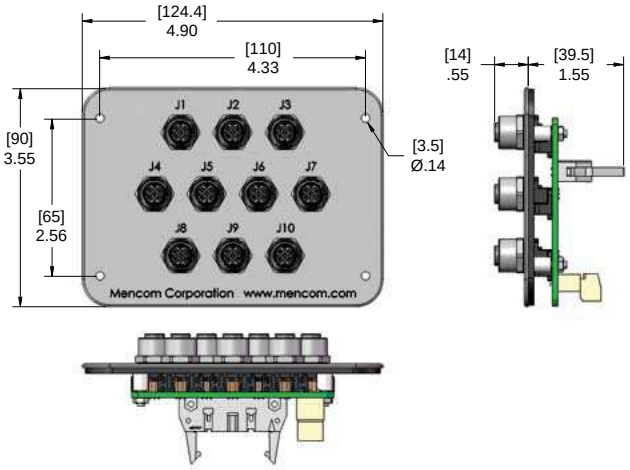
10 - 5 Conductor JDC (M12) Panel Mount Junction Blocks



Size 32 | 3 Pin Pluggable Power Connector | 20 Pin Ribbon Cable | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-RC20

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

3 Pin pluggable power connector

20 Pin Ribbon Cable

Wiring			
Port #	**PIN #**	**DB25 PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1		V+
ALL PORTS	3		V-
ALL PORTS	5		Ground
J1	4	1	
J1	2	2	
J2	4	3	
J2	2	4	
J3	4	5	
J3	2	6	
J4	4	7	
J4	2	8	
J5	4	9	
J5	2	10	
J6	4	11	
J6	2	12	
J7	4	13	
J7	2	14	
J8	4	15	
J8	2	16	
J9	4	17	
J9	2	18	
J10	4	19	
J10	2	20	

Specifications:

Ratings:	3 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

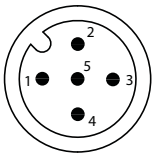
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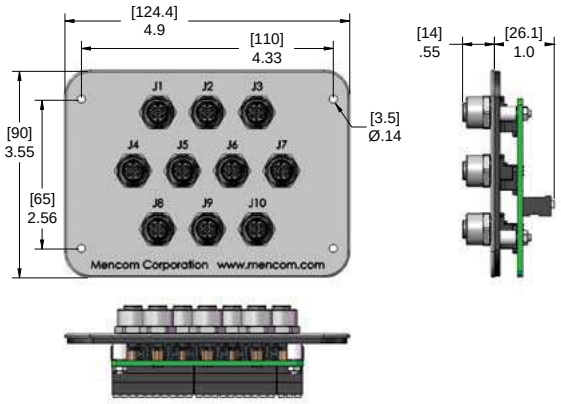
Panel Interface Connectors

10 - 5 Conductor JDC (M12) Panel Mount Junction Bocks

Size 32 | 3 Pin Pluggable Power Connector | Terminal Block | 300 Volt, 3 amps

Female Faceview	# of Poles	Rating	Part Number
 M12x1	5	300V 3A	D32-10MDC-TB23

Custom Options available, please consult the factory.



10 - 5 Pin Female MDC Receptacles

23 Pin Push Button Spring-Clamp Terminal Blocks

Wiring		
Port #	**PIN #**	**3 PIN Pluggable PIN #**
ALL PORTS	1	V+
ALL PORTS	3	V-
ALL PORTS	5	Ground
J1	4	2 - J1
J1	2	3 - J1
J2	4	2 - J2
J2	2	3 -J2
J3	4	2 - J3
J3	2	3 - J3
J4	4	2 - J4
J4	2	3 - J4
J5	4	2 - J5
J5	2	3 -J5
J6	4	2 - J6
J6	2	3 - J6
J7	4	2 - J7
J7	2	3 - J7
J8	4	2 - J8
J8	2	3 - J8
J9	4	2 - J9
J9	2	3 - J9
J10	4	2 - J10
J10	2	3 - J10

Specifications:

Ratings:	3 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

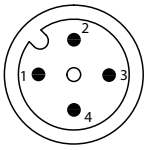
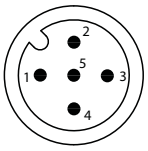
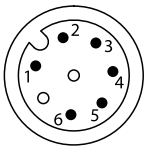
Courtesy of Steven Engineering, Inc - (800) 258-9200 - sales@steveneng.com - www.stevenengineering.com

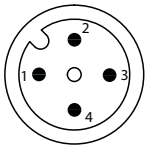
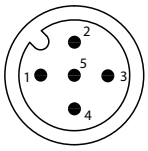
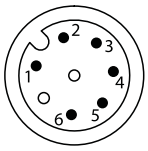
Panel Interface Connectors

4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks



Size 32 | 8 & 10 Port | Back Mount | Straight Wiring

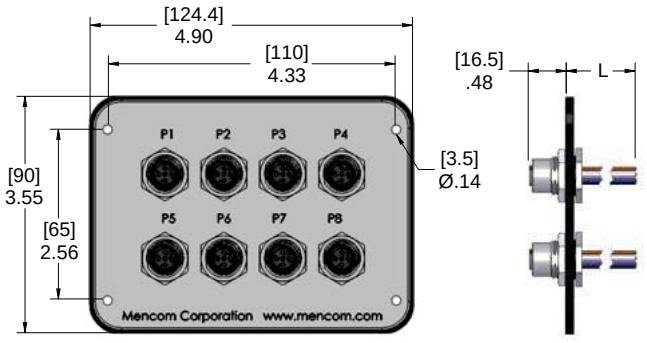
8 Port Version			
Female Faceview	**# of Poles**	**Rating**	**Part Number**
 M12x1	4	300V 4A	D32-8MDC-4FR-BM-**
 M12x1	5	300V 4A	D32-8MDC-5FR-BM-**
 M12x1	6	60V 2A	D32-8MDC-6FR-BM-**

10 Port Version			
Female Faceview	**# of Poles**	**Rating**	**Part Number**
 M12x1	4	300V 4A	D32-10MDC-4FR-BM-**
 M12x1	5	300V 4A	D32-10MDC-5FR-BM-**
 M12x1	6	60V 2A	D32-10MDC-6FR-BM-**

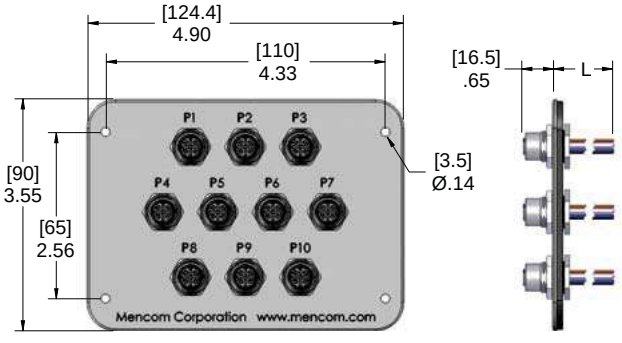
** Lengths in meters. Standard Cable lengths are 1, 2, 4, 6 & 10 meters. Consult factory for other lengths.

2~5 Pole females will have all 5 contact holes in the connector.

Custom Options available, please consult the factory.



8 Port Version



10 Port Version

Specifications:

Ratings:	4 A per Connector 8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

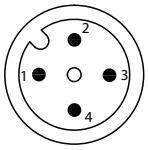
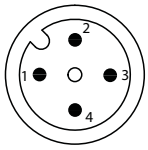
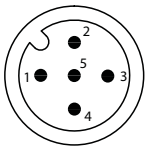
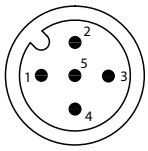
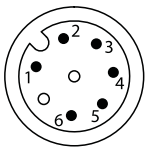
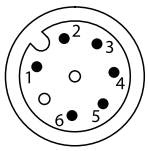
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Panel Interface Connectors

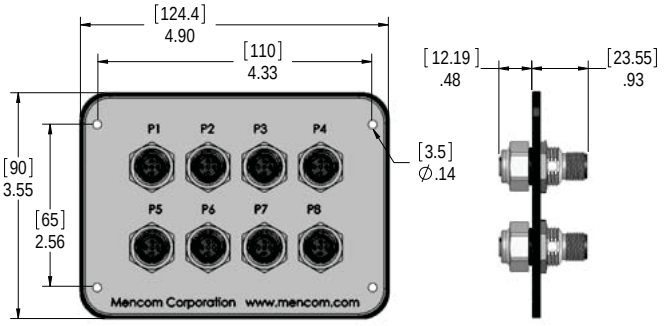
4, 5 & 6 Conductor JDC (M12) Panel Mount Junction Blocks

Size 32 | 8 & 10 Port | Through Panel Mount | Straight Wiring

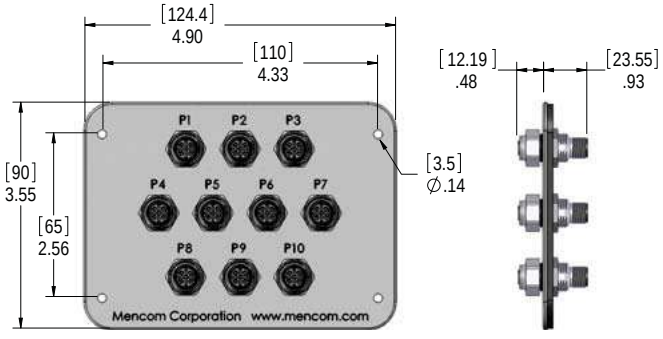
8 Port Version				10 Port Version			
Female Faceview	**# of Poles**	**Rating**	**Part Number**	**Female Faceview**	**# of Poles**	**Rating**	**Part Number**
 M12x1	4	300V 4A	D32-8MDC-4FR-TM	 M12x1	4	300V 4A	D32-10MDC-4FR-TM
 M12x1	5	300V 4A	D32-8MDC-5FR-TM	 M12x1	5	300V 4A	D32-10MDC-5FR-TM
 M12x1	6	60V 2A	D32-8MDC-6FR-TM	 M12x1	6	60V 2A	D32-10MDC-6FR-TM

2~5 Pole females will have all 5 contact holes in the connector.

Custom Options available, please consult the factory.



8 Port Version



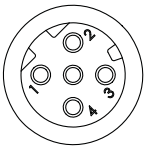
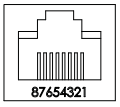
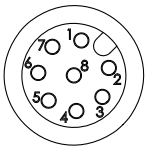
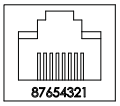
10 Port Version

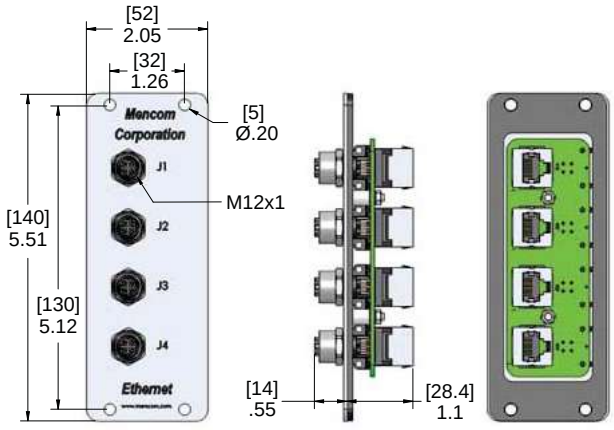
Specifications:

Ratings:	4 A per Connector
	8 A per Block
Plate:	Stainless Steel
Inserts:	Polyamide
Coupling Nuts:	Nickel Plated Brass
O-Ring:	BUNA-N
Contacts:	Copper Alloy with Gold Plating
Gasket:	Closed Cell PVC/NBR

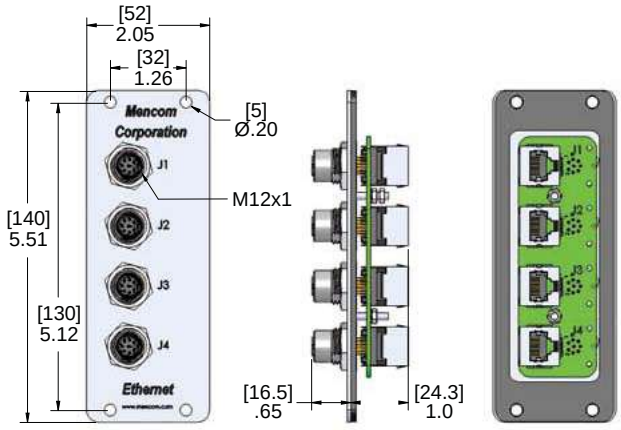
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M12 4 Pole to RJ45 Panel Mount Adapters				
# of Poles	**Female Faceview**	**Wiring MDE45**	**Part Number**	**RJ45 Faceview**
4 D-Coded	 M12 x 1 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX)	1 to 1 2 to 3 3 to 2 4 to 6	D24-4MDE45-4FR-RJ45	 87654321 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C
M12 8 Pole to RJ45 Panel Mount Adapters				
8 A-Coded	 M12 x 1 1 = White/Blue 2 = White/Brown 3 = Brown 4 = Orange (-TX) 5 = White/Green (+RX) 6 = White/Orange (+TX) 7 = Blue 8 = Green (-RX)	1 to 5 2 to 7 3 to 8 4 to 2 5 to 3 6 to 1 7 to 4 8 to 6	D24-4MDE45-8FR-RJ45	 87654321 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C



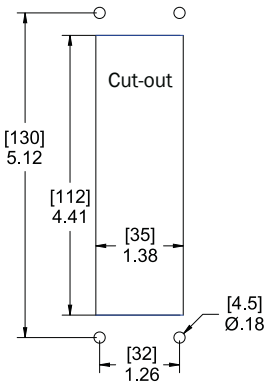
D24-4MDE45-4FR-RJ45



D24-4MDE45-8FR-RJ45

Specifications:

Plate:	Stainless Steel
M12 Coupling:	Nickel Plated Brass
M12 Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Rings:	NBR
Gasket:	PVC NBR
RJ45 Connector:	CAT5e
Mounting Screws:	#8 or M4 Screws
Shielding:	Shield connected between M12 Housing and RJ45 Connector
Temperature:	-40°C to +80°C (-40°F to +176°F)

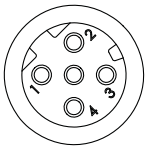
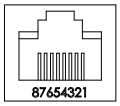


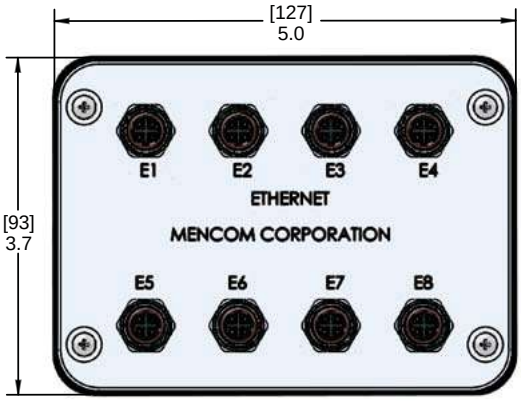


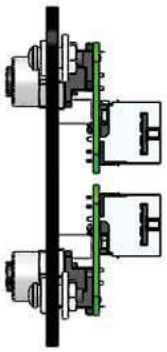
Panel Interface Connectors

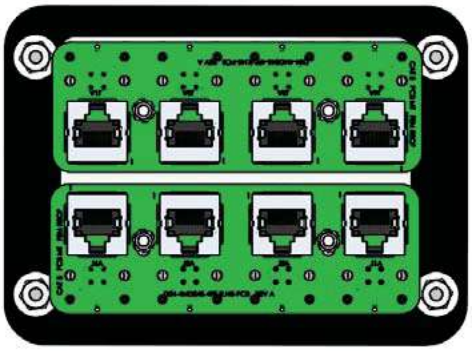
4 Conductor Ethernet Series Panel Mount Junction Blocks

Size 32 | 8 Port | MDE45 to RJ45

Female Faceview	# of Poles	Wiring MDE45	Part Number	RJ45 Faceview
 1 = White/Orange (+ TX) 2 = White/Green (+ RX) 3 = Orange (- TX) 4 = Green (- RX) M12x1	4 D-Coded	1 to 1 2 to 3 3 to 2 4 to 6	D32-8MDE45-4FR-RJ45	 1 = White/Orange (+ TX) 2 = Orange (- TX) 3 = White/Green (+ RX) 4 = N/C 5 = N/C 6 = Green (- RX) 7 = N/C 8 = N/C RJ45

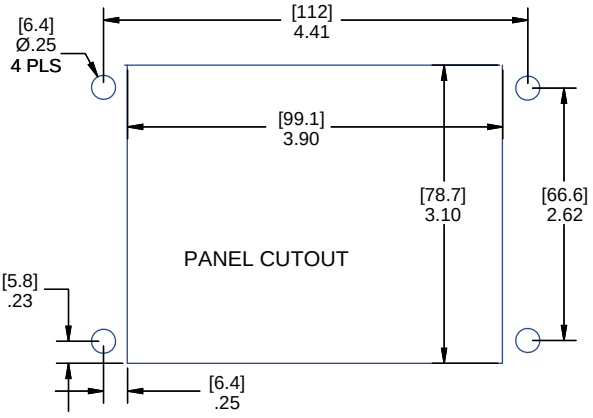






Specifications:

Plate:	Stainless Steel
M12 Coupling:	Nickel Plated Brass
M12 Insert:	Polyamide
Contacts:	Copper Alloy with Gold Plating
O-Rings:	NBR
Gasket:	PVC NBR
RJ45 Connector:	Cat 5
Mounting Screws:	#8 or M4 Screws
Shielding:	Shield connected between MDE45 Housing and RJ45 Connector
Temperature:	-40°C to +80°C (-40°F to +176°F)



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T35 DIN Rail Interface Modules

Don't Limit Yourself to a Terminal Block Connector on Your DIN Rail

RJ45 & RJ12 | D-Sub | Ribbon Cable | Terminal Block

Mencom's expandable T35 series of Din Rail modules allows you the convenience of mounting a wide variety of connectors to your DIN rail. Also known as "break-out boards", these modules allow the end user to take a pre-wired connection, like a ribbon cable or D-Sub, and easily break it out to individual terminal points. This is all done while taking up minimal space on the DIN rail. Custom interface modules, which may require special circuits or components, can be engineered with quick turnaround from design to delivery, or order the housing components and add your own PCB.

DIN Rail Interface Modules

Mencom offers a broad range of DIN Rail mount modules which provide a wiring transition from a variety of connectors to either fixed wiring or terminal block.

- Interface modules feature a cable locking mechanism
- Many of the printed circuit boards feature additional component holes for the easy addition of LEDs, resistors or other electronic components.
- Marker end caps are available for all interface modules

RJ45 & R12 Interface Modules

RJ45 or RJ12 to Fixed Screw Terminal Block
- Provides a transition from RJ45 to terminal blocks
- Multi-tiered terminal blocks for quick wiring

Interconnected RJ45 Cat5 Ethernet Connectors
- Allows for cross wired connectors

Ribbon Cable Interface Modules

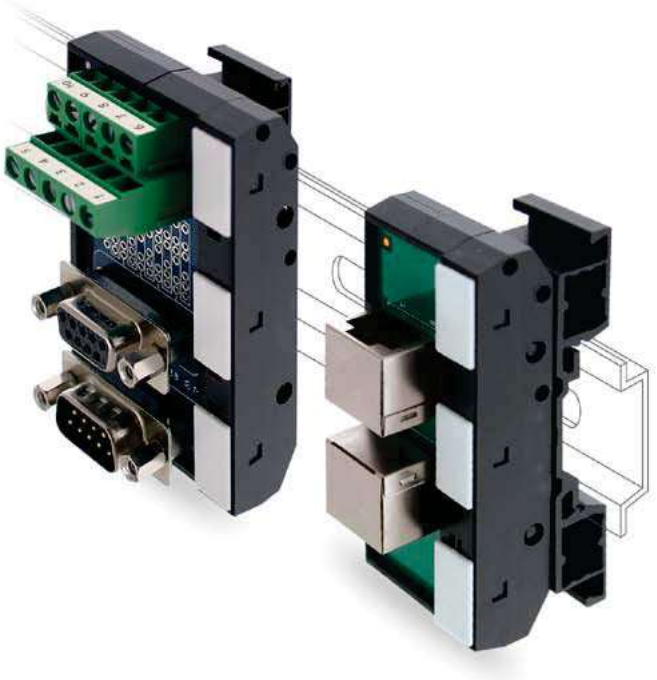
Ribbon Cable to Fixed Screw Cable Terminal Block
- Provides a transition from Ribbon cable to terminal blocks
- Multi-tiered terminal blocks for quick wiring
- Retention clips ensure a solid connection

D-Sub Interface Modules

D-sub interface modules, made with male & female connections.

D-Sub to Fixed Screw Connection Terminal Block
- Provides a transition from D-sub to terminal block
- Multi-tiered terminal block for quick wiring

Interconnected D-sub connectors
- One male and one female per interface module





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T35 DIN Rail Interface Modules

Don't Limit Yourself to a Terminal Block Connector on Your DIN Rail

Contents

Part Number Matrix **W-3**

D-Sub Interface Modules ..... **W-4 ~ W-5**

Ribbon Cable Connector Modules
- Terminal Block ..... **W-6 ~ W-7**
- 16 Port Input/Output Module **W-8**

Ethernet Interface Modules
- RJ45 ..... **W-9 ~ W-10**
- RJ12 ..... **W-11**

Terminal Block Modules
- 3 Pole Pluggable **W-12**

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T35 DIN Rail Interface Modules

T35 DIN Rail Interface Modules Part Number Matrix

Options not available with all components, please consult factory.

T35 - [ ] - [ ] - [ ] - [ ]

Connector Configuration A

DB09MF	=	9 Pin Male and Female D-Sub
DB15MF	=	15 Pin Male and Female D-Sub
DB25MF	=	25 Pin Male and Female D-Sub
DB37MF	=	37 Pin Male and Female D-Sub
DB50MF	=	50 Pin Male and Female D-Sub
RC20	=	20 Pin Ribbon Cable
RC26	=	26 Pin Ribbon Cable
RC34	=	34 Pin Ribbon Cable
RC40	=	40 Pin Ribbon Cable
RC50	=	50 Pin Ribbon Cable
RJ45	=	Ethernet Female
RJ45H	=	Horizontal Ethernet Female
RJ45V	=	Vertical Ethernet Female
RJ12	=	Handset Jack Female
TBS9	=	8 Pin Spring Clamp Terminal Block with Shield
3WPDX6	=	6 Port Power Terminal Block

Marker Tab

Blank	=	No Marker Tab
MC	=	Marker Tabs
MC2	=	Marker Tabs on Both Sides

Connector Configuration B

TB	=	Terminal Block
TBS	=	Spring Clamp Terminal Block
TBSH	=	Horizontal Spring Clamp Terminal Block
TBS8	=	8 Pin Spring Clamp Terminal Block
TBS9	=	8 Pin Spring Clamp Terminal Block with Shield
RJ45	=	Ethernet Female
RJ45V	=	Vertical Ethernet Female

Configuration C

Blank	=	No Additional Configuration
16IO	=	16 Port Input/Output Module
E45	=	Designed for Ethernet Cable

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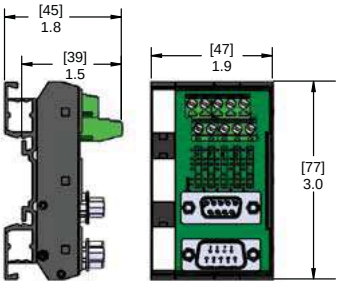
T35 DIN Rail Interface Modules

9, 15 & 25 Pin D-Sub Connector DIN Rail Modules, 30-14AWG

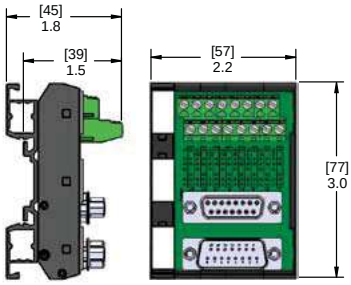
Male & Female D-sub to Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Rating	Wire Range	Features	Part Number	
					Marker Tag	No Marker Tag
9 Pin D-sub	Terminal Block	250V 1.5A	30-14AWG Solid or Stranded ($0.05mm^2$ - $2.5mm^2$)	Male and Female D-sub 35mm DIN rail mounting	T35-DB09MF-TB-MC	T35-DB09MF-TB
15 Pin D-sub	Terminal Block	250V 1.5A			T35-DB15MF-TB-MC	T35-DB15MF-TB
25 Pin D-sub	Terminal Block	250V 1.5A			T35-DB25MF-TB-MC	T35-DB25MF-TB

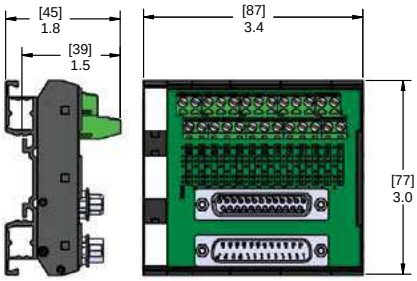
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



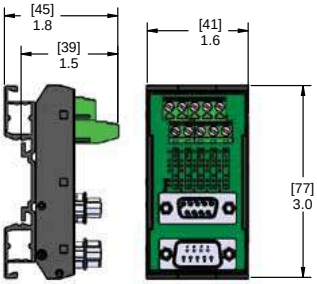
9 Pin D-Sub to Terminal Block with 3 Removable Marker Tags



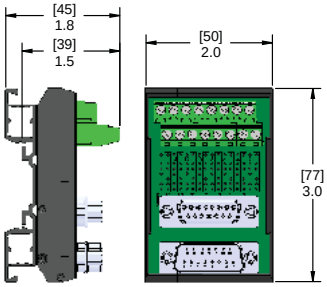
15 Pin D-Sub to Terminal Block with 3 Removable Marker Tags



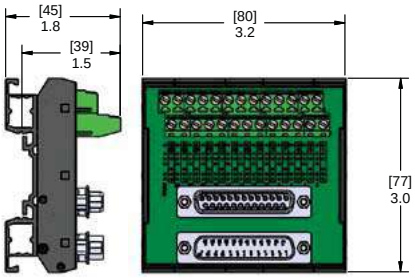
25 Pin D-Sub to Terminal Block with 3 Removable Marker Tags



9 Pin D-Sub to Terminal Block



15 Pin D-Sub to Terminal Block



25 Pin D-Sub to Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy
Shell:	Steel

Hardware:	Copper Alloy
Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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T35 DIN Rail Interface Modules

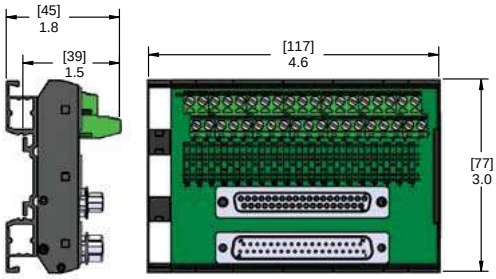
37 & 50 Pin D-Sub Connector DIN Rail Modules, 30-14AWG



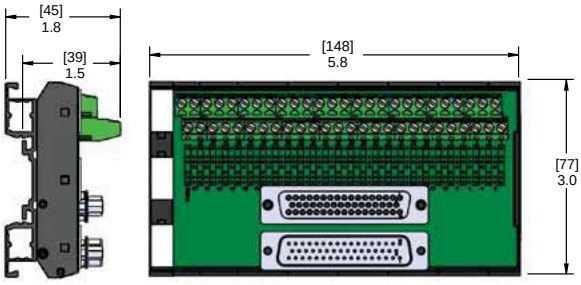
Male & Female D-sub to Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Rating	Wire Range	Features	Part Number	
					Marker Tag	No Marker Tag
37 Pin D-sub	Terminal Block	250V 1.5A	30-14AWG Solid or Stranded (0.05mm² - 2.5mm²)	Male and Female D-sub 35mm DIN rail mounting	T35-DB37MF-TB-MC	T35-DB37MF-TB
50 Pin D-sub	Terminal Block	250V 1.5A			T35-DB50MF-TB-MC	T35-DB50MF-TB

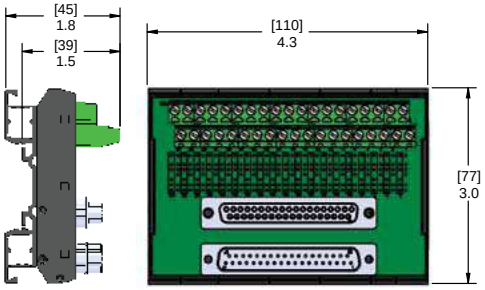
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



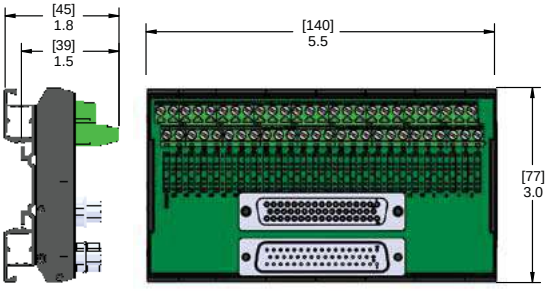
37 Pin D-Sub to Terminal Block
with 3 Removable Marker Tags



50 Pin D-Sub to Terminal Block
with 3 Removable Marker Tags



37 Pin D-Sub to Terminal Block



50 Pin D-Sub to Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy
Shell:	Steel

Hardware:	Copper Alloy
Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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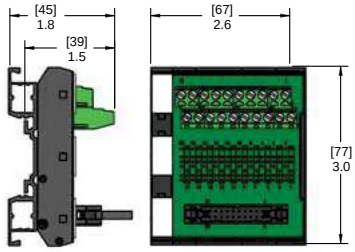
T35 DIN Rail Interface Modules

20, 26 & 34 Ribbon Cable DIN Rail Modules, 30-14AWG

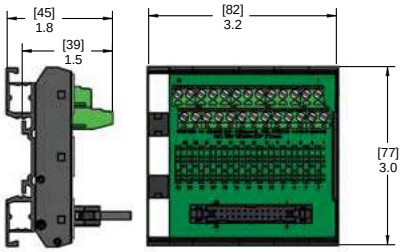
Ribbon Cable to Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
20 Pin Ribbon Cable	Terminal Block	30-14AWG Solid or Stranded ($0.05mm^2$ - $2.5mm^2$)	Male Ribbon Cable 35mm DIN rail mounting	T35-RC20-TB-MC	T35-RC20-TB
26 Pin Ribbon Cable	Terminal Block			T35-RC26-TB-MC	T35-RC26-TB
34 Pin Ribbon Cable	Terminal Block			T35-RC34-TB-MC	T35-RC34-TB

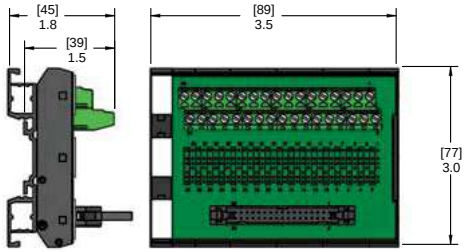
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



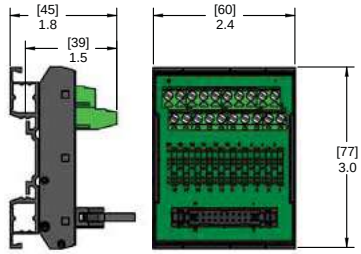
20 Pin Ribbon Cable to Terminal Block with 3 Removable Marker Tags



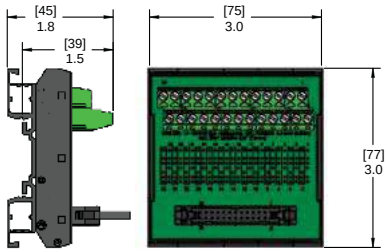
26 Pin Ribbon Cable to Terminal Block with 3 Removable Marker Tags



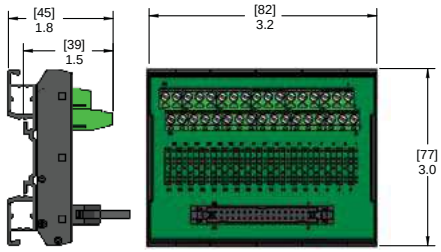
34 Pin Ribbon Cable to Terminal Block with 3 Removable Marker Tags



20 Pin Ribbon Cable to Terminal Block



26 Pin Ribbon Cable to Terminal Block



34 Pin Ribbon Cable to Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy

Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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T35 DIN Rail Interface Modules

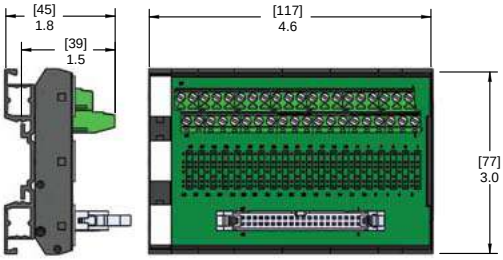
40 & 50 Ribbon Cable DIN Rail Modules, 30-14AWG



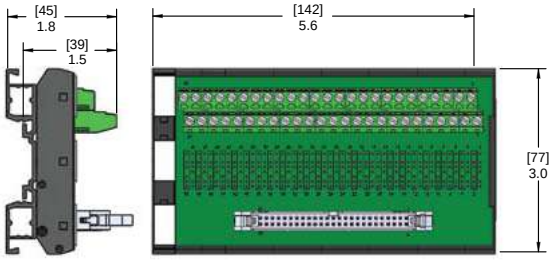
Ribbon Cable to Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
40 Pin Ribbon Cable	Terminal Block	30-14AWG Solid or Stranded ($0.05mm^2$ - $2.5mm^2$)	Male and Female D-sub 35mm DIN rail mounting	T35-RC40-TB-MC	T35-RC40-TB
50 Pin Ribbon Cable	Terminal Block			T35-RC50-TB-MC	T35-RC50-TB

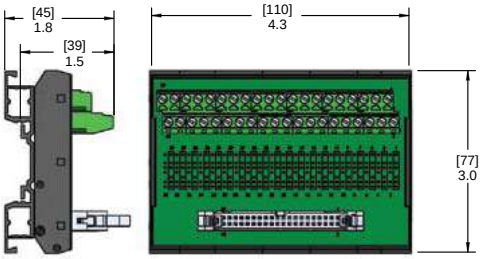
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



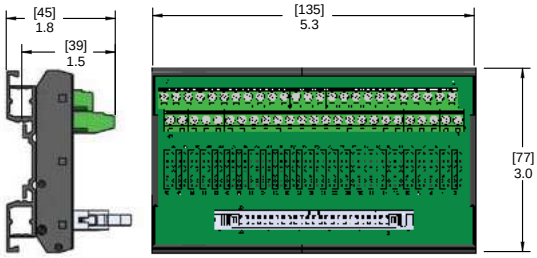
40 Pin Ribbon Cable to Terminal Block
with 3 Removable Marker Tags



50 Pin Ribbon Cable to Terminal Block
with 3 Removable Marker Tags



26 Pin Ribbon Cable to Terminal Block



50 Pin Ribbon Cable to Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy

Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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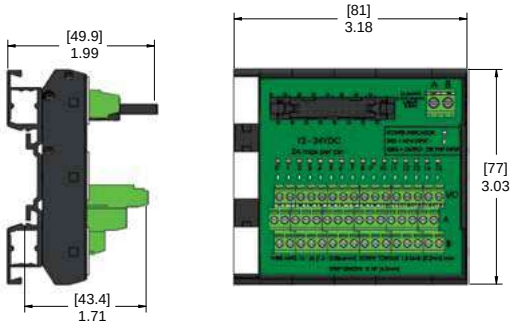
T35 DIN Rail Interface Modules

20 Pin Ribbon Input/Output Modules, 26-16AWG

Ribbon Cable to Terminal Block | 16 Port Input/Output Module | 12-24VDC, 2A Max per Pin

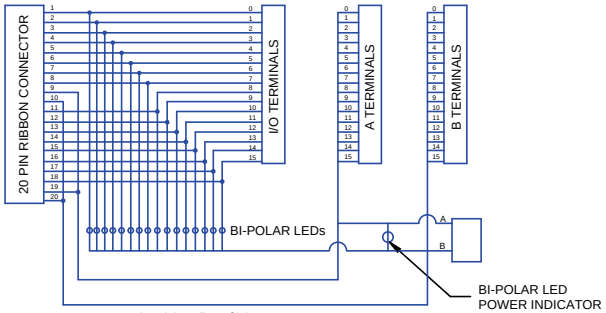
Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
20 Pin Ribbon Cable	Terminal Block	26-16AWG Solid or Stranded (0.08mm² - 1.5mm²)	PNP & NPN Sensor Input/ Valve Output Connected pin to pin 35mm DIN rail mounting	T35-RC20-TB-16IO-MC	T35-RC20-TB-16IO

The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



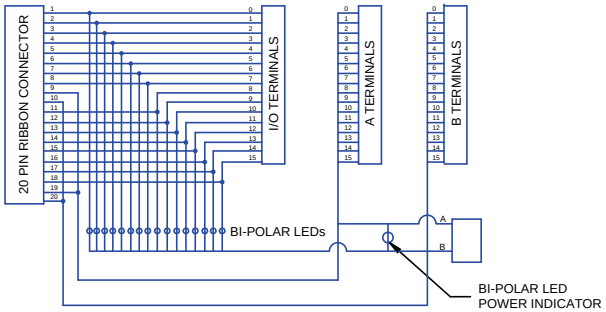
Ribbon Cable to Terminal Block
with 3 Removable Marker Tags

PNP WIRING

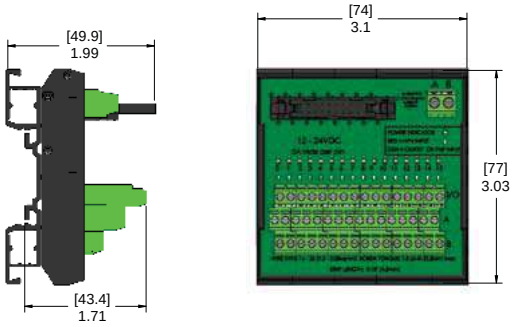


A = V+, B = 0V
GREEN LEDs WILL LIGHT

NPN WIRING

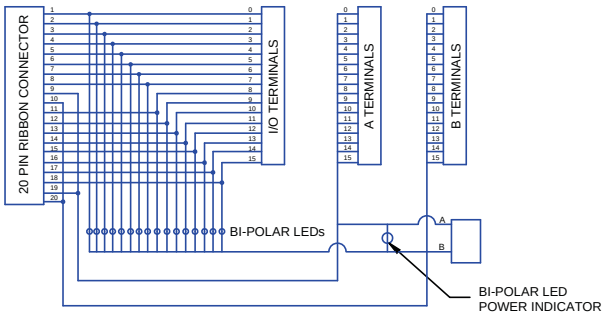


A = 0V, B = V+
RED LEDs WILL LIGHT



Ribbon Cable to Terminal Block

Output WIRING



B = 0V
GREEN LEDs WILL LIGHT
DO NOT USE "A TERMINALS"
DO NOT WIRE PINS 9, 10, 19 or 20 OF RIBBON CABLE CONNECTOR

Specifications:

Body:	Polyamide	Marker Tags:	Polyamide
Screw:	Galvanized Steel	Wire Strip Length:	0.18in (4.5mm)
Terminal:	Tin-Plated Brass	Screw Torque:	1.8lbf-in (0.2Nm)
Clamp:	Nickeled Brass	Screw Size:	4-40
Insulators:	Glass-Filled Thermoplastic	Temperature:	-40°C to 105°C
Contacts:	Gold-Plated Copper Alloy		

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T35 DIN Rail Interface Modules

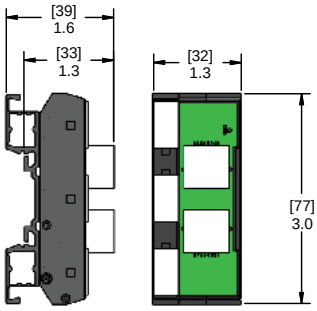
Ethernet Connector DIN Rail Modules, 30-14AWG



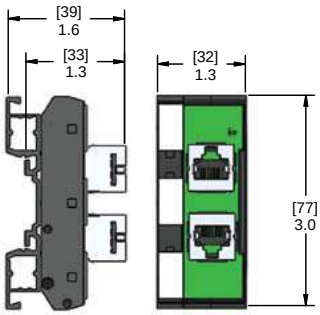
RJ45 to Terminal Block | RJ45 to RJ45 | 250V, 1.5amps

Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
RJ45	RJ45	30-14AWG Solid or Stranded ($0.05mm^2$ - $2.5mm^2$)	Shielded Sockets Connected pin to pin 35mm DIN rail mounting	T35-RJ45-RJ45-MC	T35-RJ45-RJ45
Vertical RJ45	Vertical RJ45			T35-RJ45V-RJ45V-MC	T35-RJ45V-RJ45V
RJ45	Spring Clamp Terminal Block			T35-RJ45-TBS-MC	T35-RJ45-TBS

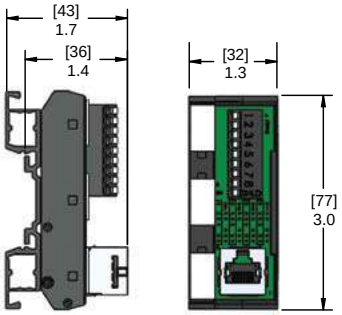
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



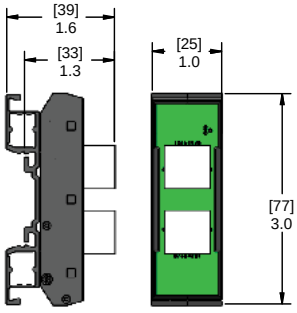
RJ45 to RJ45
with 3 Removable Marker Tags



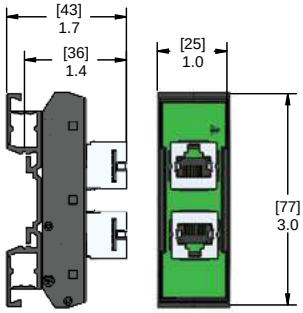
Vertical RJ45 to Vertical RJ45
with 3 Removable Marker Tags



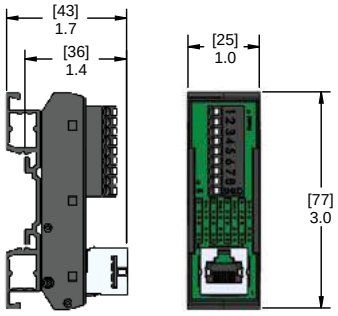
RJ45 to Spring Clamp Terminal Block
with 3 Removable Marker Tags



RJ45 to RJ45



Vertical RJ45 to Vertical RJ45



RJ45 to Spring Clamp Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy

Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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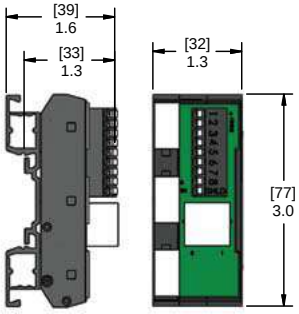
T35 DIN Rail Interface Modules

Ethernet Connector DIN Rail Modules, 30-14AWG

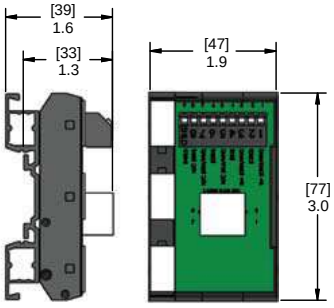
RJ45 to Terminal Block | Spring Clamp Terminal Block to Spring Clamp Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
Horizontal RJ45	Spring Clamp Terminal Block	30-14AWG Solid or Stranded (0.05mm² - 2.5mm²)	Shielded Sockets Connected pin to pin 35mm DIN rail mounting	T35-RJ45H-TBS-MC	T35-RJ45H-TBS
Horizontal RJ45	Horizontal Spring Clamp Terminal Block			T35-RJ45H-TBSH-MC	T35-RJ45H-TBSH
9 Pin Spring Clamp Terminal Block with Shield	9 Pin Spring Clamp Terminal Block with Shield	30-14AWG Solid or Stranded (0.05mm² - 2.5mm²)	Designed for Ethernet Cable Connected pin to pin 35mm DIN rail mounting	T35-TBS9-TBS9-E45-MC	T35-TBS9-TBS9-E45

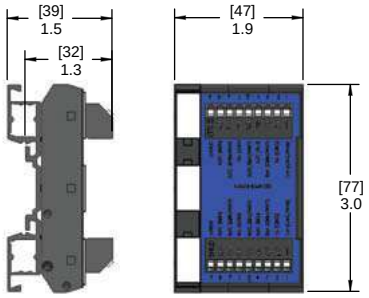
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.



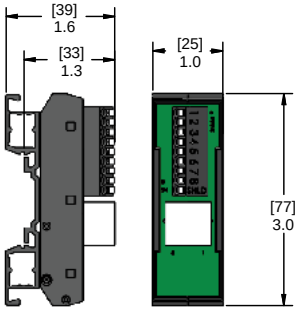
Horizontal RJ45 to
Spring Clamp Terminal Block
with 3 Removable Marker Tags



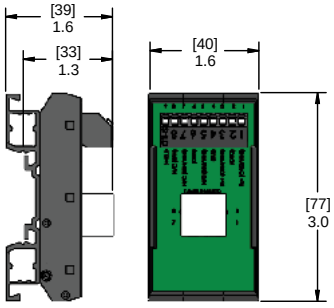
Horizontal RJ45 to
Horizontal Spring Clamp Terminal Block
with 3 Removable Marker Tags



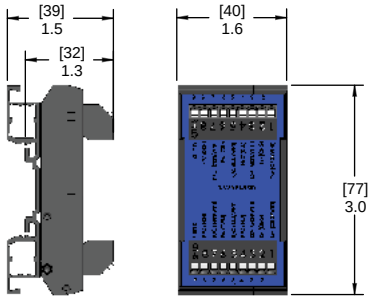
Spring Clamp Terminal Block to
Spring Clamp Terminal Block
with 3 Removable Marker Tags



Horizontal RJ45 to
Spring Clamp Terminal Block



Horizontal RJ45 to
Horizontal Spring Clamp Terminal Block



Spring Clamp Terminal Block to
Spring Clamp Terminal Block

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy
Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C

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T35 DIN Rail Interface Modules

Ethernet Connector DIN Rail Modules, 30-14AWG



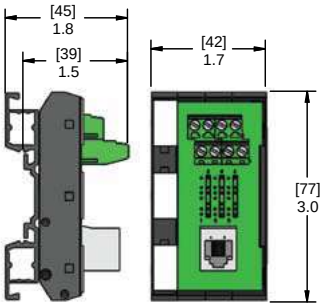
RJ12 to Terminal Block | 250V, 1.5amps

Connection Type A	Connection Type B	Wire Range	Features	Part Number	
				Marker Tag	No Marker Tag
RJ12	Terminal Block	30-14AWG Solid or Stranded (0.05mm² - 2.5mm²)	Shielded Sockets Connected pin to pin 35mm DIN rail mounting	T35-RJ12-TB-MC	T35-RJ12-TB

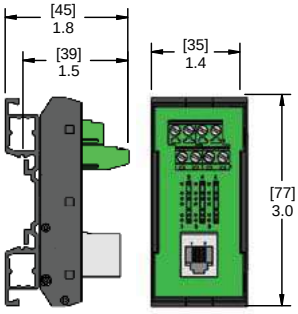
The printed circuit boards have component holes for the easy addition of LED's, resistors, or other electronic components.
Other configurations are available. Please consult factory.

Specifications:

Body:	Polyamide
Screw:	Galvanized Steel
Terminal:	Tin-Plated Brass
Clamp:	Nickeled Brass
Insulators:	Glass-Filled Thermoplastic
Contacts:	Gold-Plated Copper Alloy
Marker Tags:	Polyamide
Wire Strip Length:	0.3in (6.7mm)
Screw Torque:	4.4lbf-in (0.5Nm)
Screw Size:	4-40
Temperature:	-40°C to 105°C



RJ12 to Terminal Block
with 3 Removable Marker Tags



RJ12 to Terminal Block

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ILME connectors are known for their high-quality construction and reliable connection. Mencom has a complete line of ILME rectangular hoods, housings and inserts from 1 pole to 216 pole and from milli-amps to 200 amps.

RECTANGULAR CONNECTORS

Available in

Pre-wired Receptacles, Complete Kits, and Individual Components



FULLY WIRED RECEPTACLES

The ILME receptacles come fully wired. All you need to do is attach it to your panel and connect the wires inside your panel. The wires are all black with printed numbers to show their pin location. These receptacles are available in 6 pole to 24 pole configurations. The standard wire lengths for the receptacles is 0.5m, 1m and 2m, but can be made in longer lengths by request.

RECTANGULAR CONNECTOR KITS

No more concerns about getting the right components to make your connection. ILME kits provide all the pieces to create a complete solution for your connection project. Available in 3 pole to 24 pole connections, the kits consist of a panel mount or surface mount base (single or double lever), a male and female insert (screw or tool less spring terminations), and a mating hood (top or side entry). The entry hole is available in several sizes, so all you need is to add the proper cable gland for your cable O.D. and you are good to go.

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Rectangular Connectors



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