



Micro-AC Series

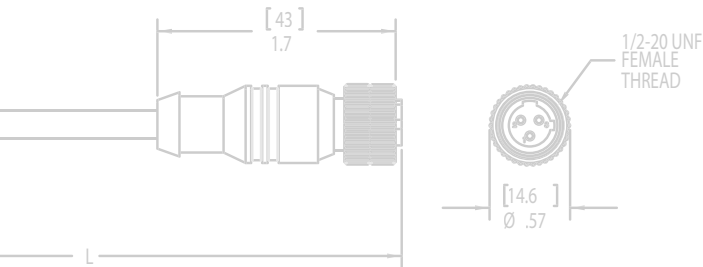
MAC (1/2"-20) Series, C-coded

Over-Molded Cordsets | Armored Cordsets | Receptacles | Field Wireables | Accessories

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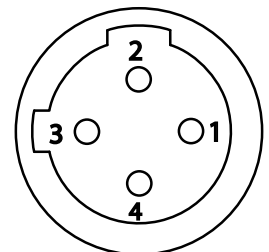


This Micro-AC (MAC) series of connectors provides another option for a compact, reliable, quick disconnect solution. Although similar in size to the Micro-DC (MDC) series, the differing keyways, pin locations, coupling thread, and color code make this connector suitable for safe side by side usage with the MDC product, or stand-alone usage.

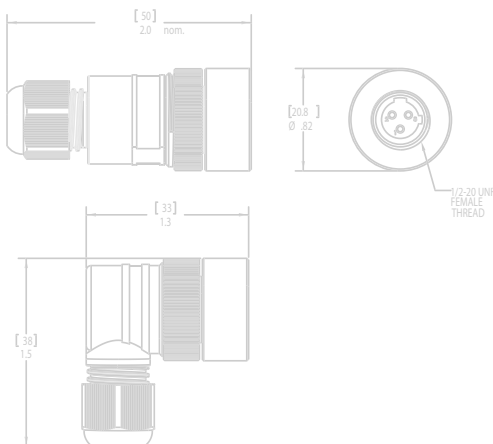
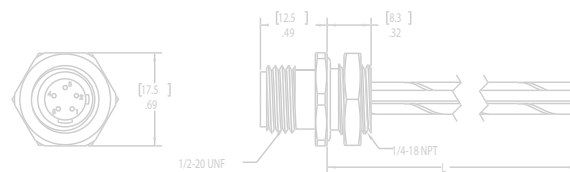
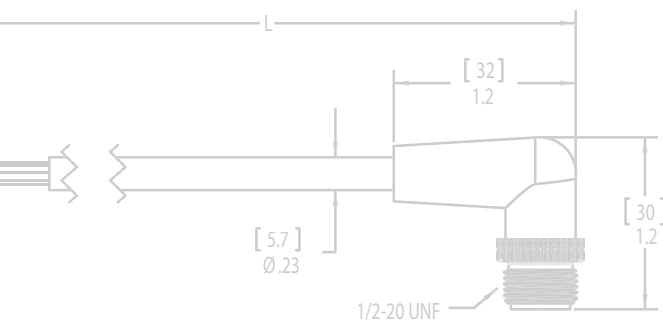


MAC : Micro-AC

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



Micro-AC Series (1/2"-20)

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Micro-AC Series

MAC (1/2"-20) Series, C-coded



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Micro-AC Series (1/2"-20)



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

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

Length in Meters

1M
2M
4M
5M
6M
10M
15M

Other lengths are available by request.

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

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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Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG



Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-AC Series (1/2"-20) Cordsets



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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Micro-AC Series (1/2"-20) Cordsets

Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
1/2-20 UNF	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		
1/2-20 UNF	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		
1/2-20 UNF	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)



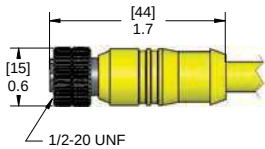
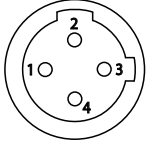
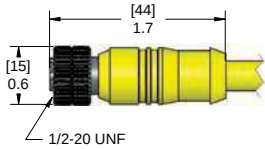
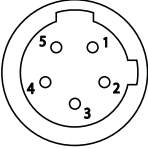
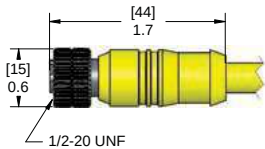
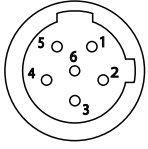
MAC (1/2"-20) Series Cordsets

4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating



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)

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Micro-AC Series (1/2"-20) Cordsets



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



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Micro-AC Series (1/2"-20) Cordsets

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)



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



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)

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Micro-AC Series (1/2"-20) Cordsets



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



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Micro-AC Series (1/2"-20) Cordsets

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)



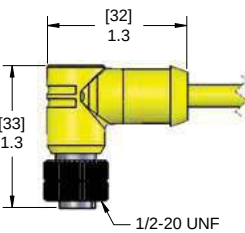
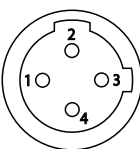
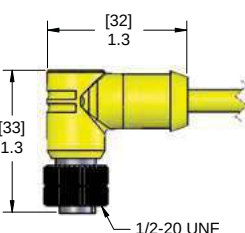
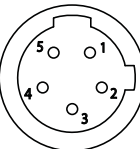
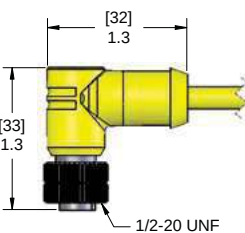
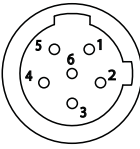
MAC (1/2"-20) Series Cordsets

4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | 600 Volt, 4 amps | IP69 Rating



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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Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Cordsets

2 & 3 Conductor MAC Series Cordsets, 18/20/22AWG

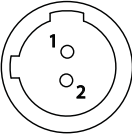
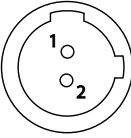
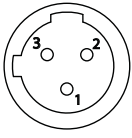
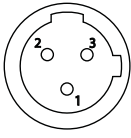


Double Ended Cordsets | 300 Volt, 4 amps | IP69 Rating



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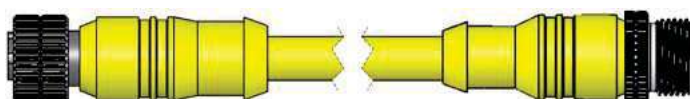
Micro-AC Series (1/2"-20) Cordsets

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



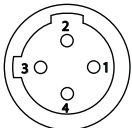
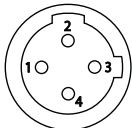
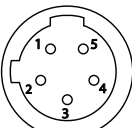
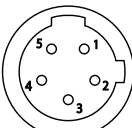
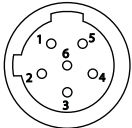
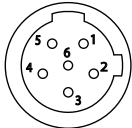
MAC (1/2"-20) Series Cordsets

4, 5 & 6 Conductor MAC Series Cordsets, 18/22AWG



Double Ended Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Armored Cables

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



G

Micro-AC Series (1/2"-20) Cordsets

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

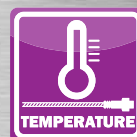
To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MAC-5FP-6 becomes MAC-5FP-6M-A03).

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...





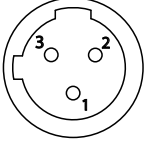
MAC (1/2"-20) Series Field Wireable Plugs

3 Conductor MAC Series Field Wireable Plugs, 18-24AWG



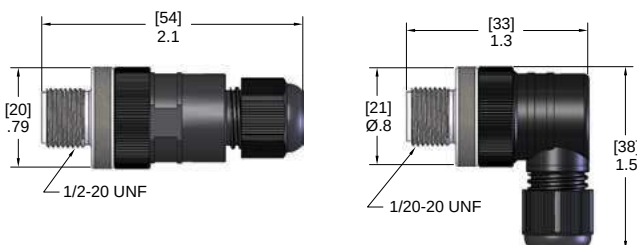
Field Wireable Plugs | PG7 & PG9 Threads | 250 Volt, 4 amps | IP67 Rating



# 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.

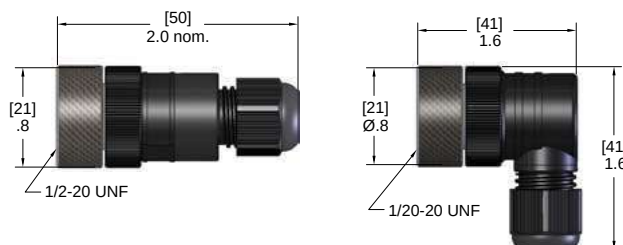
Male Field Wireable Plugs



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:	-40°C to +105°C (-40°F to +221°F)

Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Accessories

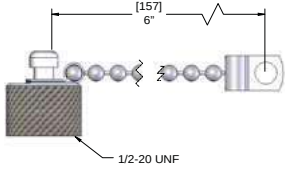
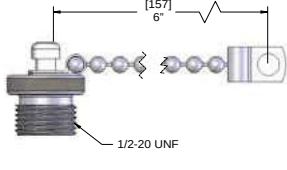
MAC Series Closure Caps & Plugs

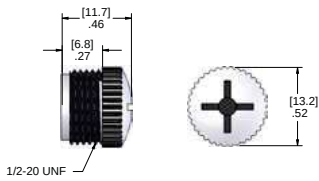


Closure Caps & Plugs | IP67 Rating

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Micro-AC Series (1/2"-20) Cordsets

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



MAC (1/2"-20) Series Accessories

2 & 3 Conductor MAC Series Accessory Cables



100' Cables | Raw Cable Spools

# 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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Micro-AC Series (1/2"-20) Cordsets



MAC (1/2"-20) Series Accessories

4, 5 & 6 Conductor MAC Series Accessory Cables



100' Cables | Raw Cable Spools

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Micro-AC Series (1/2"-20) Cordsets

# 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.



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

Connector Configuration

MR = Male Receptacle
FR = Female 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
PG13.5 = Front Mount PG 13.5 Threads
M16 = Front Mount Metric 16 Threads
M20 = Front Mount Metric 20 Threads
TM = Through Panel Mount

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel
PASW = Plastic

Wire AWG

Blank = 22 AWG
18 = 18 AWG

Length in Meters

Blank = 1'

Termination Type

Blank = Pre-Wired
SC = Solder Cup

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Micro-AC Series (1/2"-20) Receptacles



MAC (1/2"-20) Series Receptacles

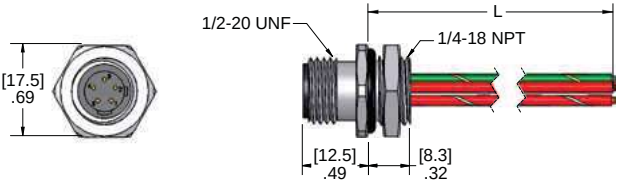
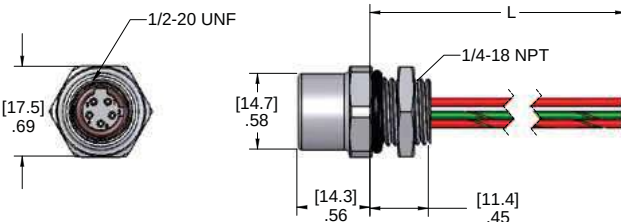
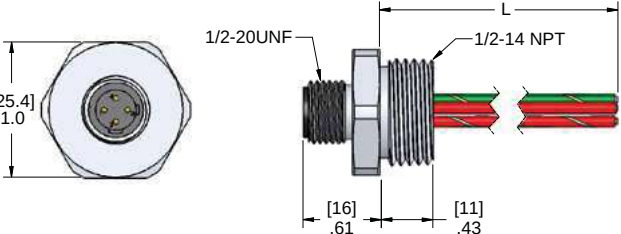
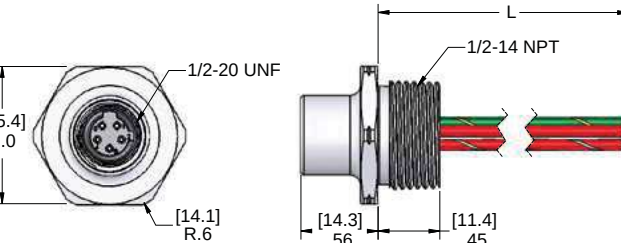
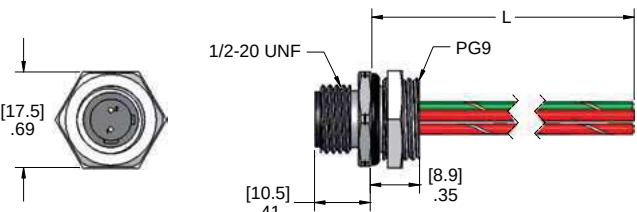
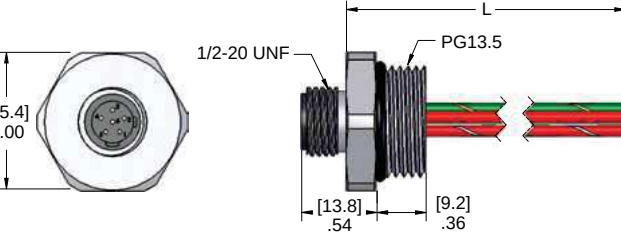
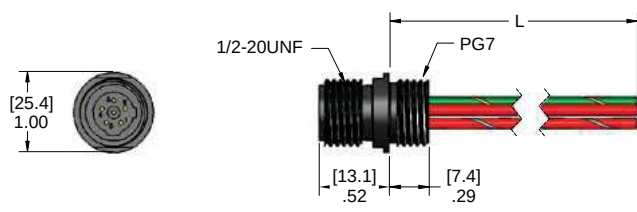
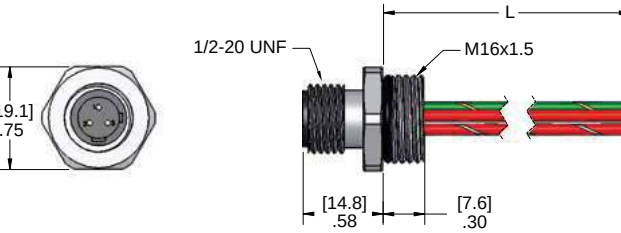
MAC Series Receptacle Index



Front Mount

G

Micro-AC Series (1/2"-20) Receptacles

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
			



MAC (1/2"-20) Series Receptacles

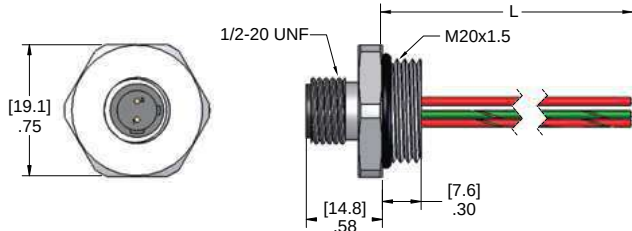
MAC Series Receptacle Index



Front Mount

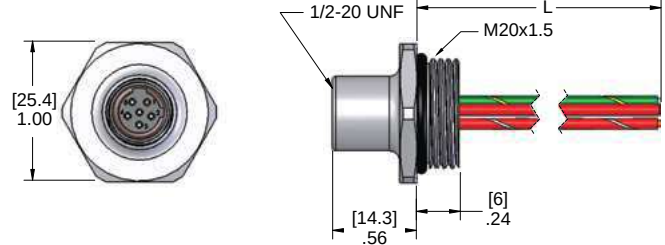
Front Mount, Male, M20 Threads

Page G-25



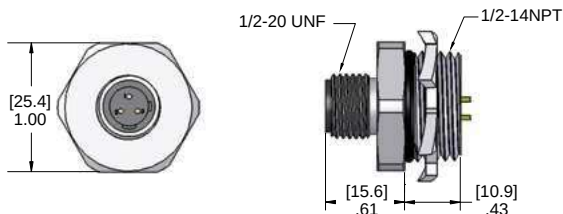
Front Mount, Female, M20 Threads

Page G-25



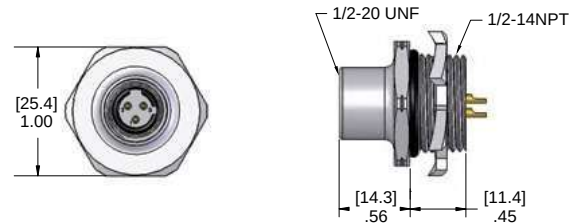
Front Mount, Male, 1/2"-14NPT, Solder Cups

Page G-26



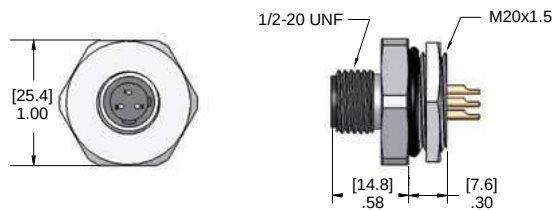
Front Mount, Female, 1/2"-14NPT, Solder Cups

Page G-26



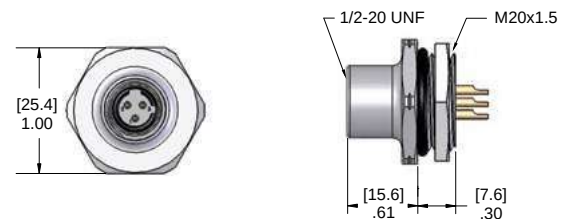
Front Mount, Male, M20 Threads, Solder Cups

Page G-26



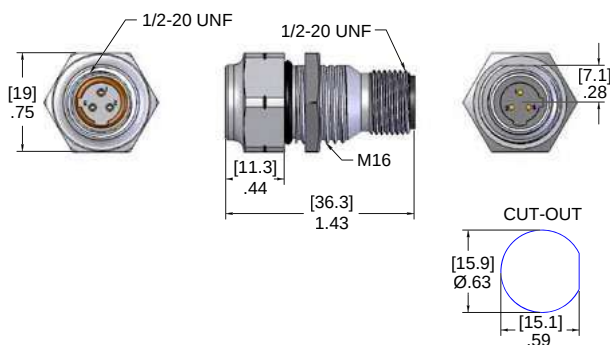
Front Mount, Female, M20 Threads, Solder Cups

Page G-26



Through Panel Mount, Male to Female

Page G-27



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Micro-AC Series (1/2"-20) Receptacles



MAC (1/2"-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG

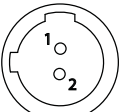
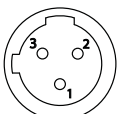
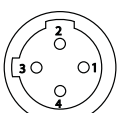
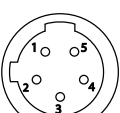
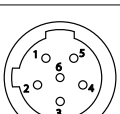


Front Mount Receptacles | 1/4"-18 & 1/2"-14 NPT Threads | 300 Volt, 4 amps | IP69 Rating



G

Micro-AC Series (1/2"-20) Receptacles

# 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. 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. 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. 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. 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. 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

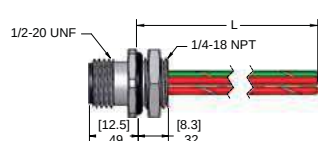
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

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)

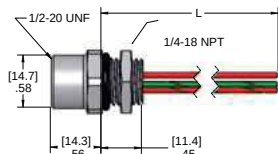
For 1/2" receptacles with lengths of 12" or shorter use the suffix "-G" to include lock nut and O-ring. (e.g. MAC-3MR-4 becomes MAC-3MR-4-G)

For 1/2" receptacles with lengths of 15" or longer, O-ring and lock nut are included.

1/4"-18NPT Threads

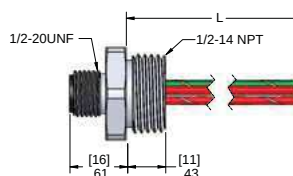


Male Receptacles

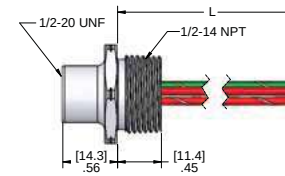


Female Receptacles

1/2"-14NPT Threads



Male Receptacles



Female Receptacles

Specifications:

Shell: 1/2" NPT: Clear Anodized Aluminum
1/4" NPT: Nickel Plated Brass
Insulator: Polyamide
Wire: 18 & 22 AWG: UL Style 1007/1569, 300V
Contacts: Copper Alloy with Gold Plating

O-Ring: NBR
Jam Nut: Nickel Plated Brass
Lock Nut: Zinc Plated Steel
Temperature: -40°C to 105°C (-40°F to +221°F)



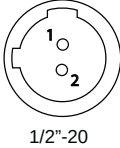
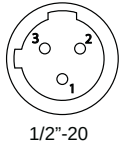
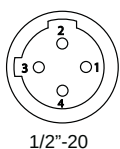
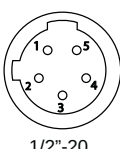
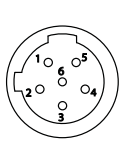
MAC (1/2"-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG



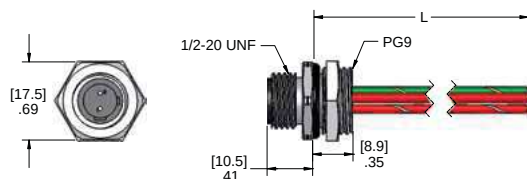
Male Front Mount Receptacles | PG9 & PG13.5 Threads | 300 Volt, 4 amps | IP69 Rating



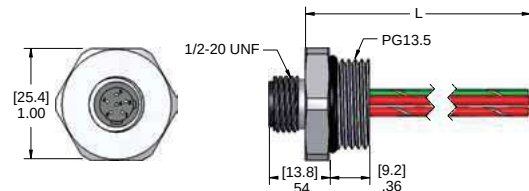
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	
					PG9	PG 13.5
2	 1/2"-20	1. Brown 2. Blue	300V 4A	18 AWG	MAC-2MR-PG9-18	MAC-2MR-PG13.5-18
				22 AWG	MAC-2MR-PG9	MAC-2MR-PG13.5
3	 1/2"-20	1. Green/Yellow 2. Red/Black 3. Red/White	300V 4A	18 AWG	MAC-3MR-PG9-18	MAC-3MR-PG13.5-18
				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
Insulator: Polyamide
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)

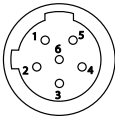


MAC (1/2"-20) Series Receptacles

6 Conductor MAC Series Receptacle, 22AWG



Front Mount Receptacle | PG7 Thread | 300 Volt, 4 amps | IP67 Rating

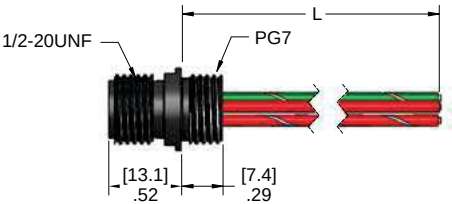
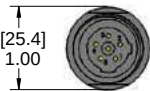
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles
6	 1/2"-20	1. Red/White 2. Red 3. Green/Yellow 4. Red/Yellow 5. Red/Black 6. Red/Blue	300V 4A	22 AWG	MAC-6MR-PG7-PASW

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





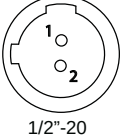
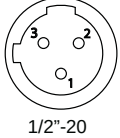
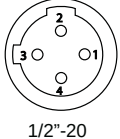
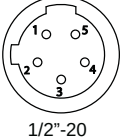
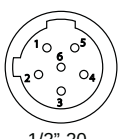
MAC (1/2"-20) Series Receptacles

2, 3, 4, 5 & 6 Conductor MAC Series Receptacles, 18/22AWG



Front Mount Receptacles | M16 & M20 Threads | 300 Volt, 4 amps | IP69 Rating



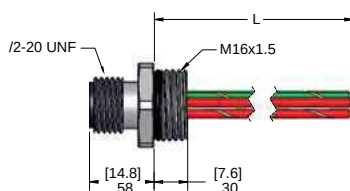
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles		Female Receptacles
					M16 x 1.5	M20 x 1.5	M20 x 1.5
2		1. Brown 2. Blue	300V 4A	18 AWG	MAC-2MR-M16-18	MAC-2MR-M20-18	MAC-2FR-M20-18
				22 AWG	MAC-2MR-M16	MAC-2MR-M20	MAC-2FR-M20
3		1. Green/Yellow 2. Red/Black 3. Red/White	300V 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. 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. 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. 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

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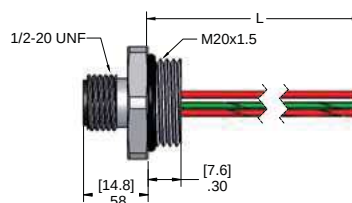
Micro-AC Series (1/2"-20) Receptacles

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

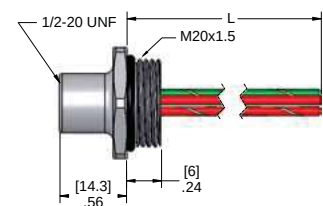
Male M16 Receptacles



Male M20 Receptacles



Female M20 Receptacles



Specifications:

Shell: Clear Anodized Aluminum
Insulator: Polyamide
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)



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

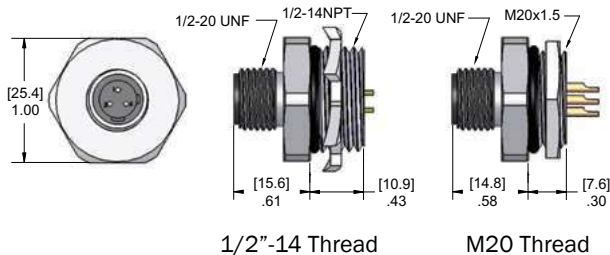
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Micro-AC Series (1/2"-20) Receptacles

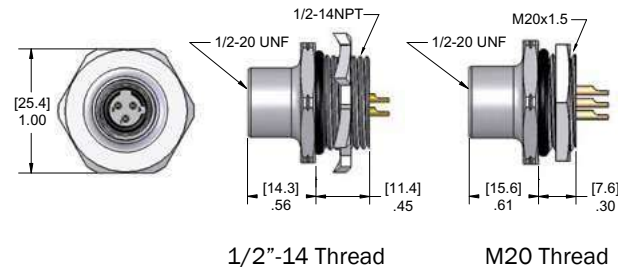
# of Poles	Male Faceview	Rating	Wire AWG	1/2"-14 NPT		M20	
				Male Receptacle	Female Receptacles	Male Receptacle	Female Receptacles
2	 1/2"-20	300V 4A Max	18 AWG Max	MAC-2MR-2-SC	MAC-2FR-2-SC	MAC-2MR-M20-SC	MAC-2FR-M20-SC
3	 1/2"-20	300V 4A Max	18 AWG Max	MAC-3MR-2-SC	MAC-3FR-2-SC	MAC-3MR-M20-SC	MAC-3FR-M20-SC
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



Female Receptacles



Specifications:

Shell: Clear Anodized Aluminum
 Insulator: Polyamide
 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)



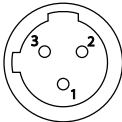
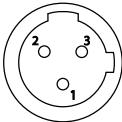
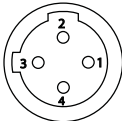
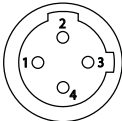
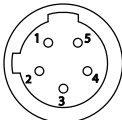
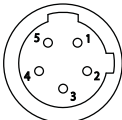
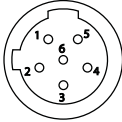
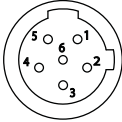
MAC (1/2"-20) Series Receptacles

3, 4, 5 & 6 Conductor MAC Series Receptacles



Through Panel Mount Receptacles | 300 Volt, 4 amps | IP69 Rating



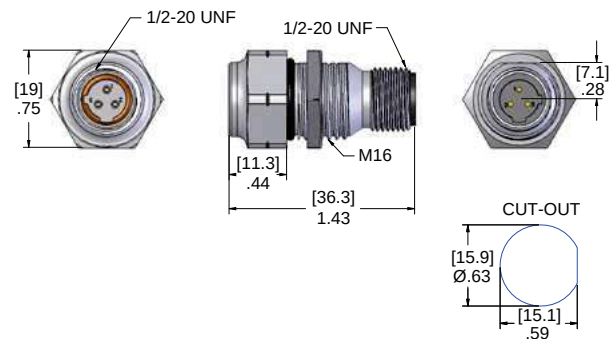
# of Poles	Male Faceview	Rating	Wiring	Part Number	Female Faceview
3	 1/2"-20	300 4A	1 to 1 2 to 2 3 to 3	MAC-3MFR-TM	 1/2"-20
4	 1/2"-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4	MAC-4MFR-TM	 1/2"-20
5	 1/2"-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5	MAC-5MFR-TM	 1/2"-20
6	 1/2"-20	300 4A	1 to 1 2 to 2 3 to 3 4 to 4 5 to 5 6 to 6	MAC-6MFR-TM	 1/2"-20

G

Micro-AC Series (1/2"-20) Receptacles

Specifications:

Shell: Nickel Plated Brass
Insulator: Polyamide
Contacts: Copper Alloy with Gold Plating
Jam Nut: Nickel Plated Brass
Temperature: -40°C to 105°C (-40°F to +221°F)





MAC (1/2"-20) Series Accessories

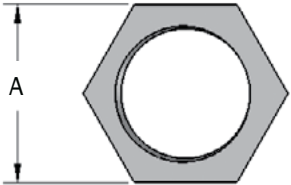
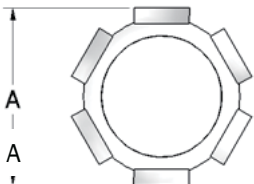
MAC Series Jam Nuts



NPT, PG & Metric Threads

G

Micro-AC Series (1/2"-20) Receptacles

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



Micro-DC Series

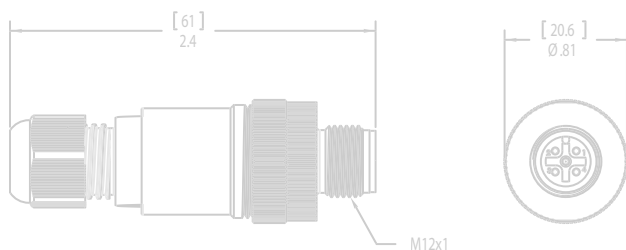
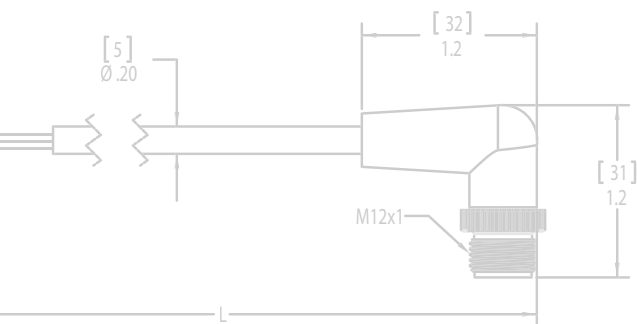
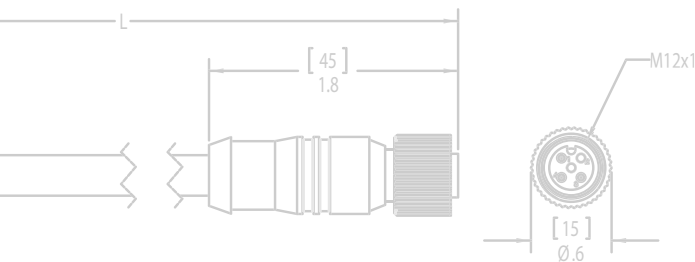
MDC (M12) Series, A-coded

Over-Molded Cordsets | Armored Cordsets | Receptacles | Field Wireables | Accessories

UL File #:
E149111

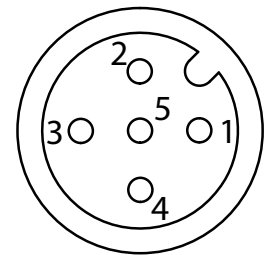


The Micro-DC (MDC) series, also known as Micro-change or M12, is one of the most widely used industrial quick disconnects in the industrial market. Despite the name, these euro-style connectors can be used in both AC or DC applications. They are commonly used in factory automation for items such as sensors, actuators, motors, switches, safety light curtains, mats, and interlock switches to name a few.

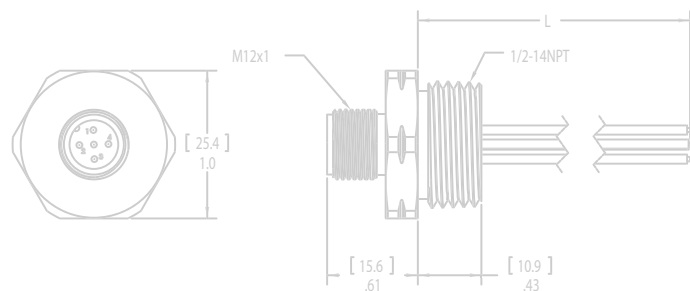


MDC : Micro-DC

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



H

Micro-DC (M12) Series



Micro-DC Series

MDC (M12) Series, A-coded



Contents

H

Micro-DC (M12) Series

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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

H

Micro-DC (M12) Series Cordsets



MDC (M12) Series Cordsets

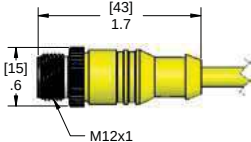
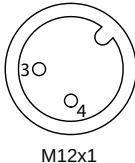
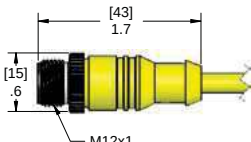
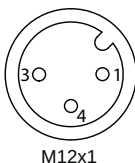
2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG



Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating



H
Micro-DC (M12) Series Cordsets

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	
	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	
	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)



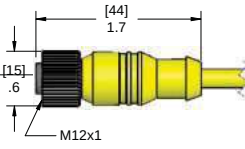
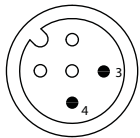
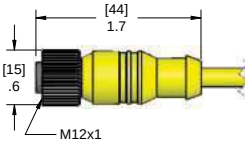
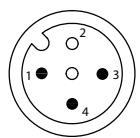
MDC (M12) Series Cordsets

2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-DC (M12) Series Cordsets



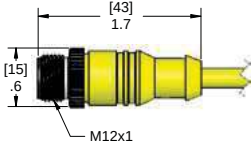
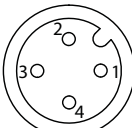
MDC (M12) Series Cordsets

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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Micro-DC (M12) Series Cordsets



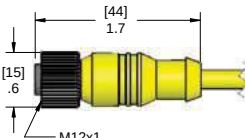
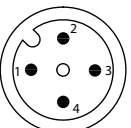
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-DC (M12) Series Cordsets



MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 22AWG

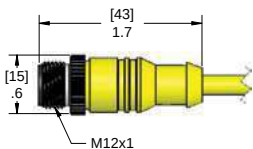
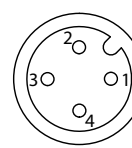
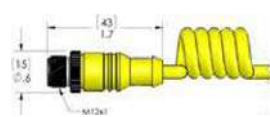


Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating



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Micro-DC (M12) Series Cordsets

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)



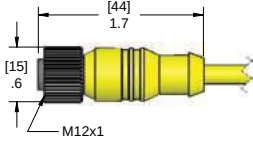
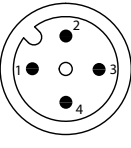
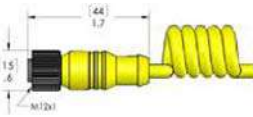
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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

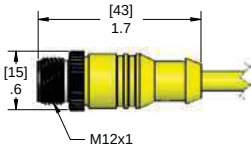
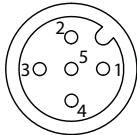


Straight Male Cordsets | 300 Volt, 4 amps | IP69 Rating



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Micro-DC (M12) Series Cordsets

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)



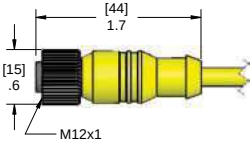
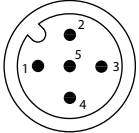
MDC (M12) Series Cordsets

5 Conductor MDC Series Cordsets, 18/22AWG



Straight Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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)

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Micro-DC (M12) Series Cordsets



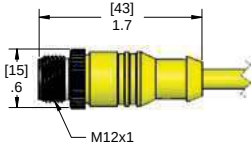
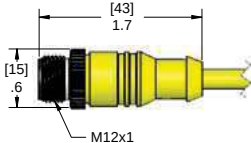
MDC (M12) Series Cordsets

6 & 8 Conductor MDC Series Cordsets, 24AWG



Straight Male Cordsets | 60 Volt, 2 amps | IP67 Rating



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)	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-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)



MDC (M12) Series Cordsets

6 & 8 Conductor MDC Series Cordsets, 24AWG



Straight Female Cordsets | 60 Volt, 2 amps | IP67 Rating



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)



MDC (M12) Series Cordsets

10 & 12 Conductor MDC Series Cordsets, 24AWG



Straight Male Cordsets | 60 Volt, 2 amps | IP67 Rating



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Micro-DC (M12) Series Cordsets

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)



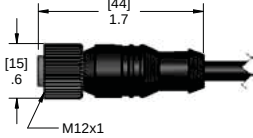
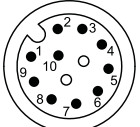
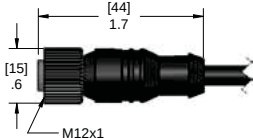
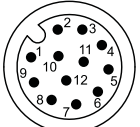
MDC (M12) Series Cordsets

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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Micro-DC (M12) Series Cordsets



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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Micro-DC (M12) Series Cordsets

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)



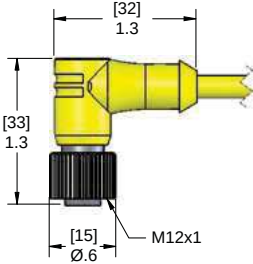
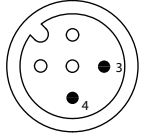
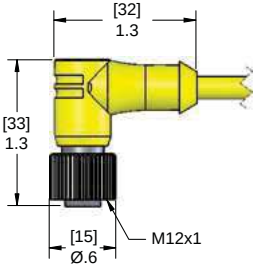
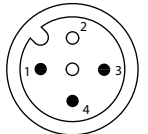
MDC (M12) Series Cordsets

2 & 3 Conductor MDC Series Cordsets, 18/20/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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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Micro-DC (M12) Series Cordsets



MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18/22AWG

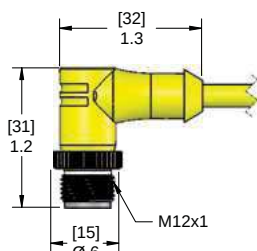


Right Angle Male Cordsets | 300 Volt, 4 amps | IP69 Rating



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Micro-Dc (M12) Series Cordsets



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)



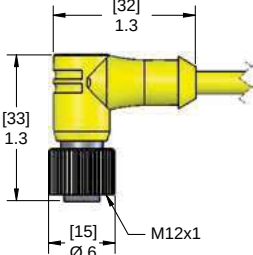
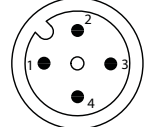
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18/22AWG



Right Angle Female Cordsets | 300 Volt, 4 amps | IP69 Rating



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)



MDC (M12) Series Cordsets

5 & 6 Conductor MDC Series Cordsets, 22/24AWG

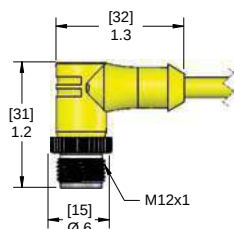
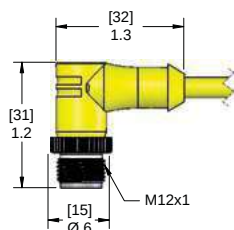


Right Angle Male Cordsets | 300V, 4A | 60V, 2A | IP69 (5 Pole), IP67 (6 Pole)



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Micro-DC (M12) Series Cordsets



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)



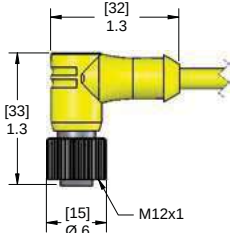
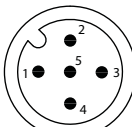
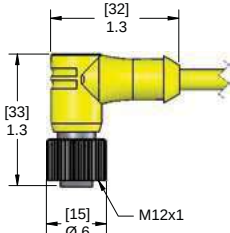
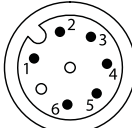
MDC (M12) Series Cordsets

5 & 6 Conductor MDC Series Cordsets, 22/24AWG



Right Angle Female Cordsets | 300V, 4A | 60V, 2A | IP69 (5 Pole), IP67 (6 Pole)



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)

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Micro-DC (M12) Series Cordsets



MDC (M12) Series Cordsets

8, 10 & 12 Conductor MDC Series Cordsets, 24AWG

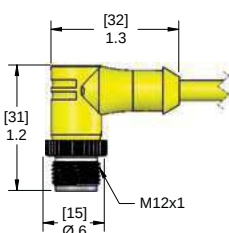
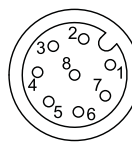
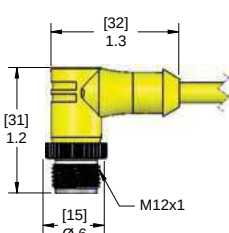
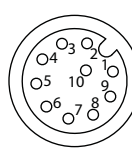
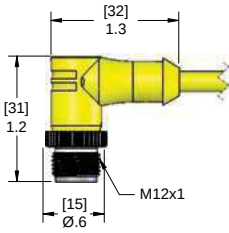
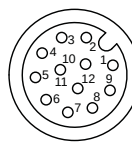


Right Angle Male Cordsets | 60 Volt, 2 amps | IP67 Rating



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Micro-DC (M12) Series Cordsets

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)



MDC (M12) Series Cordsets

8, 10 & 12 Conductor MDC Series Cordsets, 24AWG



Right Angle Female Cordsets | 60 Volt, 2 amps | IP67 Rating



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	- White - Brown - Green - Yellow - Gray - Pink - Blue - 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	- White - Brown - Green - Yellow - Gray - Pink - Blue - Red - Orange - Tan - Not Used - 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	- White - Brown - Green - Yellow - Gray - Pink - Blue - Red - Orange - Tan - Black - 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)

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Micro-DC (M12) Series Cordsets

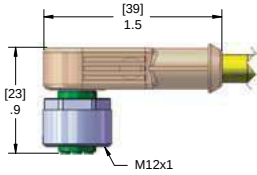
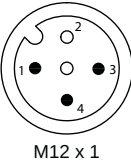
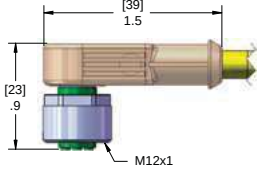
MDC (M12) Series Cordsets with LEDs

3 Conductor MDC Series Cordsets, 22AWG



Right Angle Female Cordsets | 10-30 Volt, 4 amps | IP67 Rating

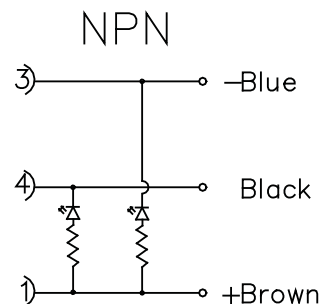
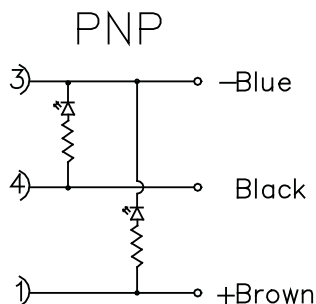


Connector Body Style	Part Number	Cables	Features	Color Code	Faceview
	MDC-3FP-**-R-PNP	PVC 10-30V 3 X 22 AWG -40°C to +105°C 5mm OD	Industry Standard PVC	1. Brown 2. Not Used 3. Blue 4. Black 5. Not Used	
	MDC-3FP-**-R-NPN				

** 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



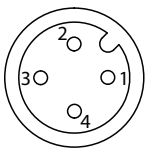
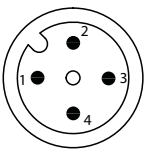
MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 18/22AWG



Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating



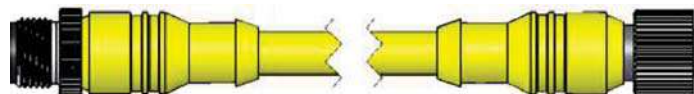
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-4MFPX-**	Yellow PVC AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDCP-4MFPX-**	Yellow PUR AWM 4 X 18 AWG 300V, 4A -40°C to +105°C 7.4mm OD	Oil and Cutting 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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Micro-DC (M12) Series Cordsets



MDC (M12) Series Cordsets

4 Conductor MDC Series Cordsets, 22AWG



Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating



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Micro-DC (M12) Series Cordsets

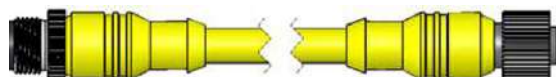
Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCP-4MFP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +80°C 5mm OD	Oil and Cutting Fluid Resistant Cut Resistant PUR	1. Brown 2. White 3. Blue 4. Black	 M12 x 1
	MDCPQ-4MFP-**	Yellow PUR AWM 4 X 22 AWG 300V, 4A -40°C to +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.

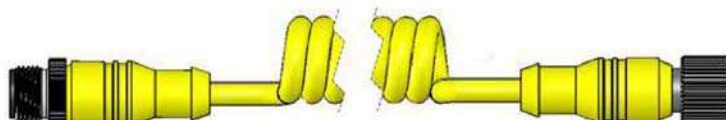
Females will have all 5 contact holes in the connector.

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



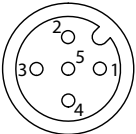
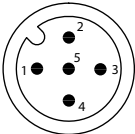
MDC (M12) Series Cordsets

5 Conductor MDC Series Cordsets, 18/22AWG



Double Ended Cordsets | Straight | 300 Volt, 4 amps | IP69 Rating

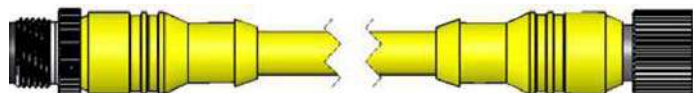


Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDC-5MFPX-**	Yellow PVC AWM 5 X 18 AWG 300V, 4A -40°C to +80°C 7.4mm OD	Industry Standard PVC	1. Brown 2. White 3. Blue 4. Black 5. Gray	 M12 x 1
	MDC-5MFP-**	Yellow PVC AWM 5 X 22 AWG 300V, 4A -40°C to +105°C 5.8mm OD	Industry 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



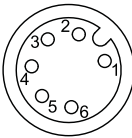
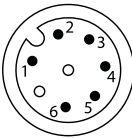
MDC (M12) Series Cordsets

6 Conductor MDC Series Cordsets, 24AWG



Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating

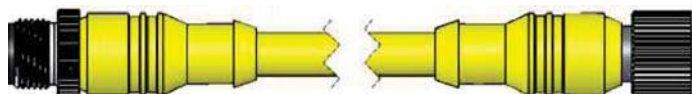


Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCM-6MFP-**	Yellow PVC AWM With Foil Shield 6 X 24 AWG 60V, 2A -40°C to +105°C 5.8mm OD	Industry Standard PVC Foil Shield	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	 M12 x 1
	MDCM-6MFPS-**	Yellow PVC AWM With Foil 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

H

Micro-DC (M12) Series Cordsets



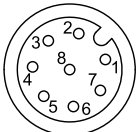
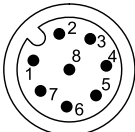
MDC (M12) Series Cordsets

8 Conductor MDC Series Cordsets, 24AWG



Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating

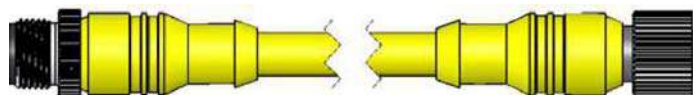


Male Faceview	Part Number	Cables	Features	Color Code	Female Faceview
 M12 x 1	MDCM-8MFP-**	Yellow PVC AWM With Foil Shield 8 X 24 AWG 60V, 2A -40°C to +105°C 6mm OD	Industry Standard PVC Foil Shield	- White - Brown - Green - Yellow - Gray - Pink - Blue - Red	 M12 x 1
	MDCM-8MFPS-**	Yellow PVC AWM With 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



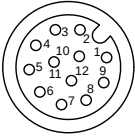
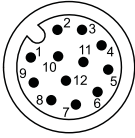
MDC (M12) Series Cordsets

12 Conductor MDC Series Cordsets, 24AWG

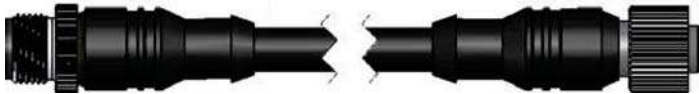


Double Ended Cordsets | Straight | 60 Volt, 2 amps | IP67 Rating



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

H

Micro-DC (M12) Series Cordsets



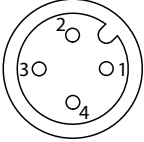
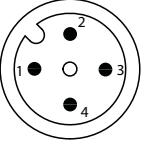
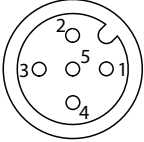
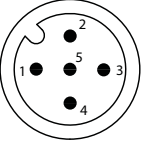
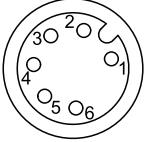
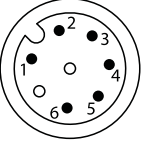
MDC (M12) Series Cordsets

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)



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				

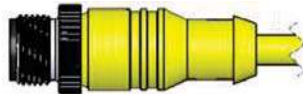
** Lengths in meters. Standard cable lengths are 1, 2, 4, 5, 6, 10 & 15 meters. Consult factory for other lengths.

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

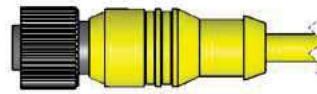
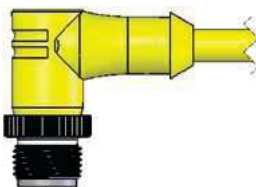


Figure C

Straight Female Plug

Figure B



Right Angle Male Plug

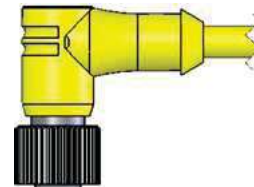


Figure D

Right Angle Female Plug

H

Micro-DC (M12) Series Cordsets

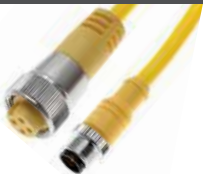


MDC (M12) to MIN (7/8"-16UN) Cordsets

3, 4 & 5 Conductor MDC Series Cordsets, 18AWG



Double Ended Cordsets | Male MDC to Female MIN | 300 Volt, 4 amps | IP69 Rating

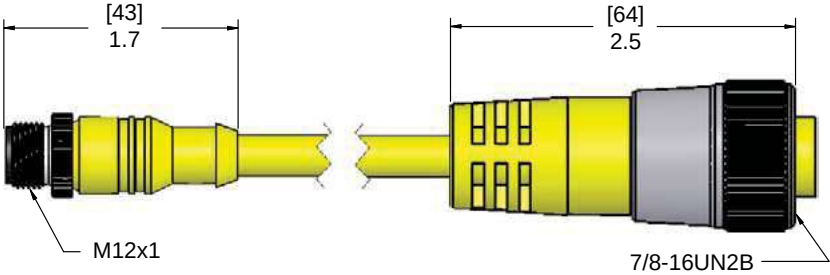


H

Micro-DC (M12) Series Cordsets

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



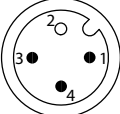
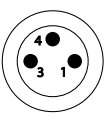
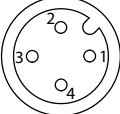
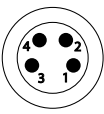
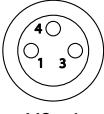
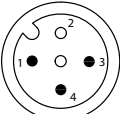
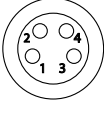
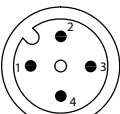
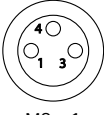
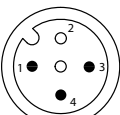
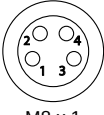
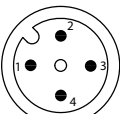
MDC (M12) to NAN (M8) Cordsets

3 & 4 Conductor MDC Series Cordsets, 24AWG



Double Ended Cordsets | 60 Volt, 4 amps | IP67 Rating



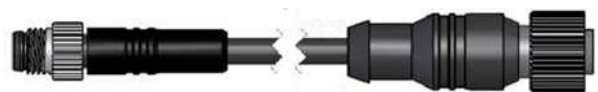
Male MDC to Threaded Female NAN					
Male Faceview	Part Number	Cables	Features	Wiring	Female Faceview
 M12 x 1	MDNT-3MFP-**	Black PVC AWM 3 X 24 AWG 60V, 3A -40°C to +105°C 4.5mm OD	Industry Standard PVC	1 to 1 3 to 3 4 to 4	 M8 x 1
 M12 x 1	MDNT-4MFP-**	Black PVC AWM 4 X 24 AWG 60V, 3A -40°C to +80°C 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



MDC (M12) Series Armored Cables

Connectivity Solutions for Harsh & Rugged Environments



Stainless Steel Armor | PVC Covered Jacket | Silicone Tube



H

Micro-DC (M12) Series Cordsets

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

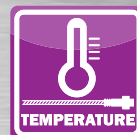
To specify Armored Cable, add the suffix number shown in the table above to the end of the part number (e.g. MDC-5FP-6 becomes MDC-5FP-6-A03).

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...





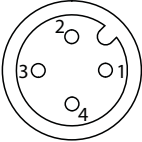
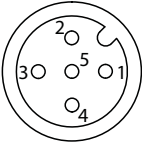
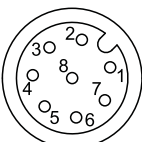
MDC (M12) Series Field Wireable Plugs

4, 5 & 8 Conductor MDC Series Field Wireable Plugs, 18-24/20-24AWG



Field Wireable Plugs | PG7 & PG9 Threads | IP67 Rating



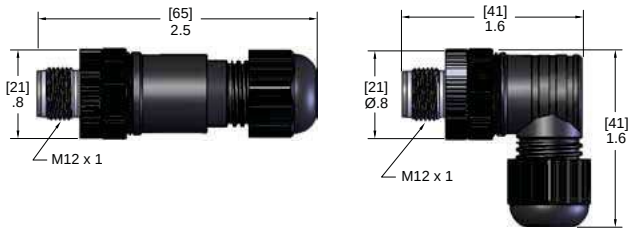
# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-4MP-FW07	MDC-4MP-FW07-R	MDC-4FP-FW07	MDC-4FP-FW07-R
		18-24 AWG 250V 4A	4-8 mm	MDC-4MP-FW09	MDC-4MP-FW09-R	MDC-4FP-FW09	MDC-4FP-FW09-R
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.

H

Micro-DC (M12) Series Cordsets

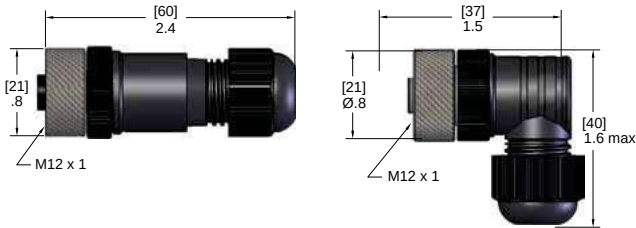
Male Field Wireable Plugs



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)



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

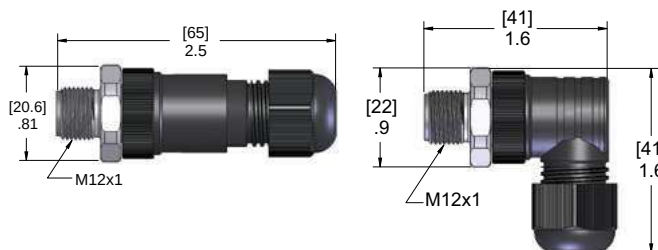


# of Poles	Male Faceview	Wire AWG Rating	Cable O.D. Range	Male plugs		Female Plugs	
				Straight	Right Angle	Straight	Right Angle
4	 M12 x 1	18-24 AWG 250V 4A	3-6.5 mm	MDC-4MP-FW07-SS	MDC-4MP-FW07-R-SS	MDC-4FP-FW07-SS	MDC-4FP-FW07-R-SS
		18-24 AWG 250V 4A	4-8 mm	MDC-4MP-FW09-SS	MDC-4MP-FW09-R-SS	MDC-4FP-FW09-SS	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.

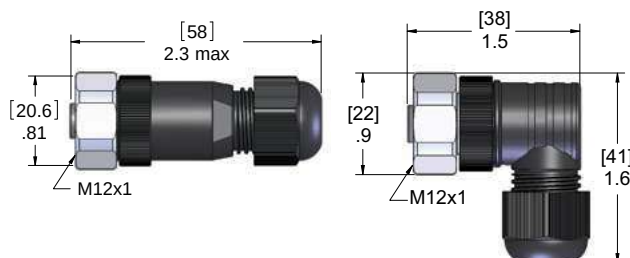
Male Field Wireable Plugs



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)



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

Stainless Steel Version



Male Straight



Female Straight



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)



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

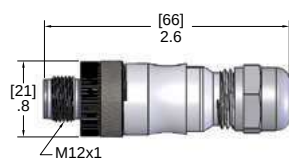


# of Poles	Male Faceview	Rating	Wire AWG	Cable O.D. Range	Part Number	
					Male Plugs	Female Plugs
4	 M12 x 1	250V 4A	18-24 AWG	3-9 mm	MDCM-4MP-FW	MDCM-4FP-FW
5	 M12 x 1	125V 4A	18-24 AWG	3-9 mm	MDCM-5MP-FW	MDCM-5FP-FW
8	 M12 x 1	60V 2A	20-24AWG	6-8 mm	MDCM-8MP-FW	MDCM-8FP-FW

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

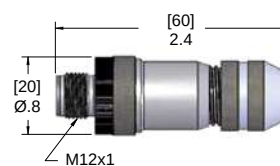
8 Pole Version



Male Straight



Female Straight



Male Straight



Female Straight



Specifications:

Body: Nickel Plated Brass

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)



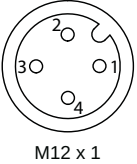
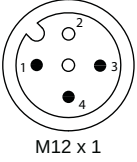
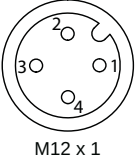
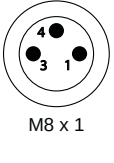
MDC (M12) Series “Y” Connectors

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)

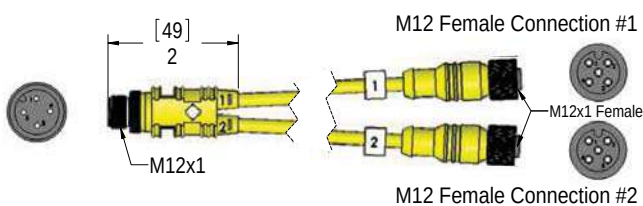


Figure 1

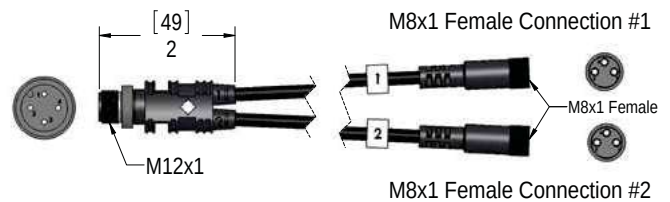


Figure 2

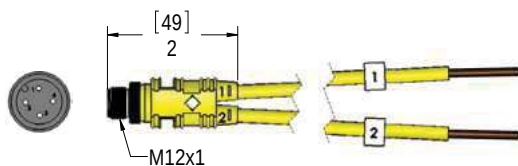
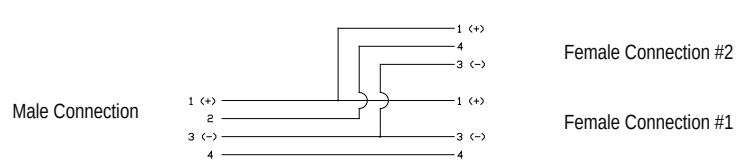


Figure 3



H

Micro-DC (M12) Series Cordsets



MDC (M12) Series Splitters

3, 4 & 5 Conductor MDC Series Splitters



Splitters | 300 Volt, 4 amps | 60 Volt, 3 amps | IP67 Rating

H

Micro-DC (M12) Series Cordsets

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)

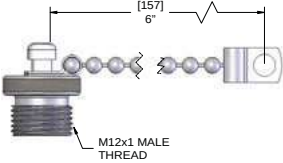
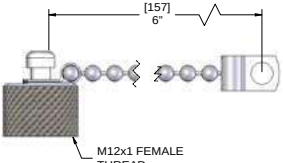


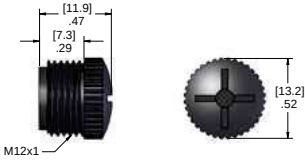
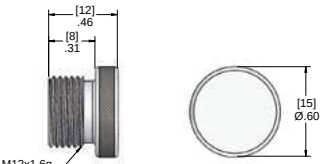
MDC (M12) Series Accessories

MDC Series Closure Caps & Plugs



Closure Cups | Plugs | IP67 Rating

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	

H

Micro-DC (M12) Series Cordsets



MDC (M12) Series Accessories

2, 3 & 4 Conductor MDC Series Accessory Cables



100' Cables | Raw Cable Spools

H

Micro-DC (M12) Series Cordsets

# 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.



MDC (M12) Series Accessories

4, 5 & 6 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
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	30CW01-*
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	30DWF01-*
		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.

H

Micro-DC (M12) Series Cordsets



MDC (M12) Series Accessories

8, 10 & 12 Conductor MDC Series Accessory Cables



100' Cables | Raw Cable Spools

H

Micro-DC (M12) Series Cordsets

# 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.



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

Shell Material

Blank = Aluminum or Nickel plated brass
SS = Stainless Steel
N = Nylon
PASW = Plastic

R/A or Straight

Blank = Straight
R = Right Angle

Wire AWG

Blank = 22/24 AWG
18 = 18 AWG

Length in Meters

Blank = 1'

Termination Type

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

H

Micro-DC (M12) Series Receptacles



MDC (M12) Series Receptacles

MDC Series Receptacle Index



Front Mount

H

Micro-DC (M12) Series Receptacles

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



MDC (M12) Series Receptacles

MDC Series Receptacle Index



Front Mount

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

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Micro-DC (M12) Series Receptacles



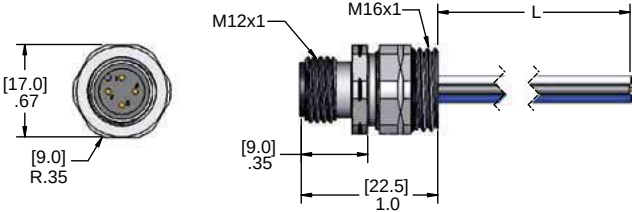
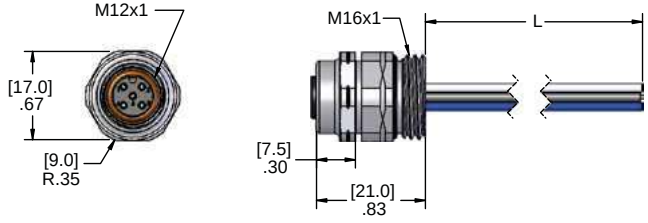
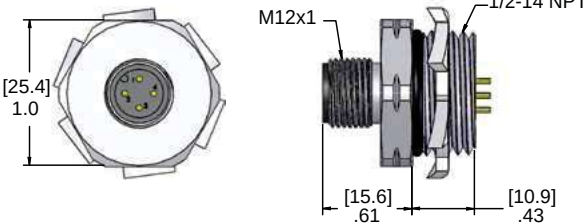
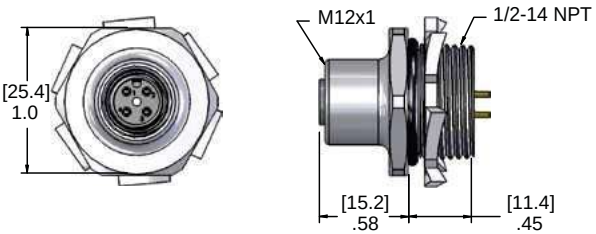
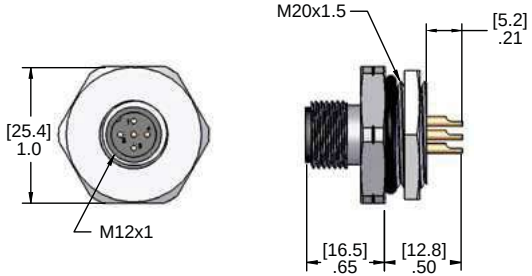
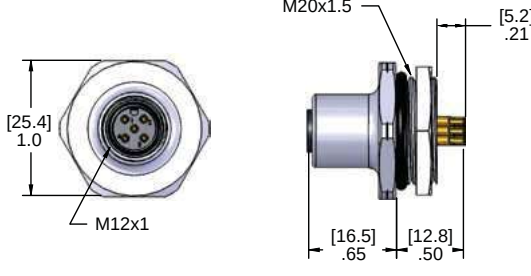
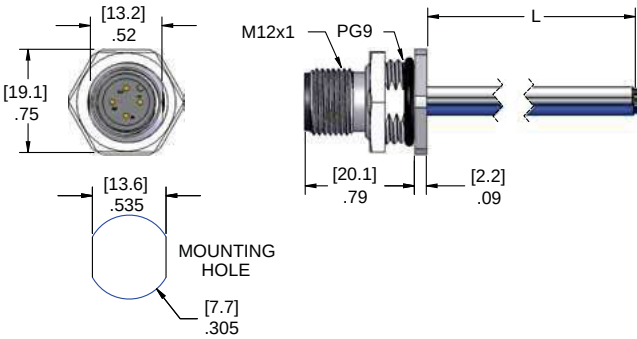
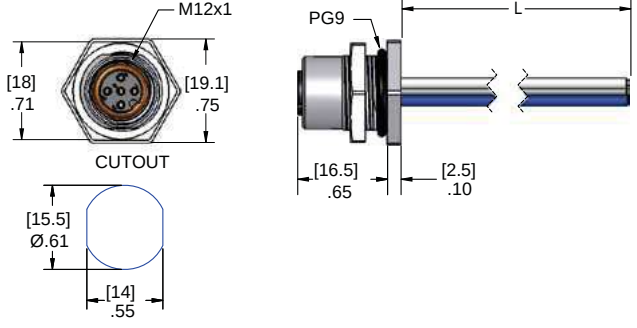
MDC (M12) Series Receptacles

MDC Series Receptacle Index



Front Mount | Front Mount Solder Cup | PCB Mount

H
Micro-DC (M12) Series Receptacles

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
	



MDC (M12) Series Receptacles

MDC Series Receptacle Index



PCB Mount | Back Mount | PCB Back Mount

Back Mount, Male, M20 Thread		Back Mount, Female, M20 Thread	
Page H-65 ~ H-66		Page H-65 ~ H-66	
PCB Mount, Male, Straight		PCB Mount, Female, Straight	
Page H-67 ~ H-69		Page H-67 ~ H-69	
PCB Mount, Male, Right Angle		PCB Mount, Male, Right Angle	
Page H-67 ~ H-69		Page H-67 ~ H-69	
PCB Back Mount, Male		PCB Back Mount, Female	
Page H-70		Page H-70	

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Micro-DC (M12) Series Receptacles



MDC (M12) Series Receptacles

MDC Series Receptacle Index



Panel Mount | Through Panel Mount

Panel Mount, Male	Page H-71 ~ H-72	Through Panel Mount, Male to Female	Page H-73

H

Micro-DC (M12) Series Receptacles



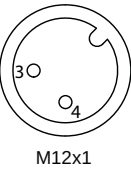
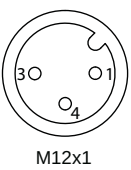
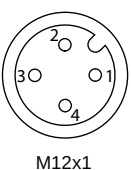
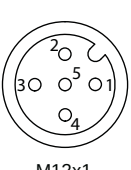
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Front Mount Receptacles | 1/2"-14 NPT Threads | 300 Volt, 4 amps | IP69 Rating



# 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.

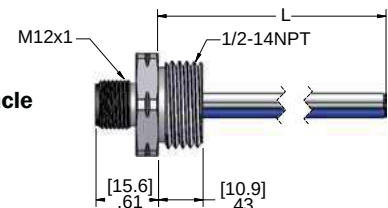
Use the suffix "-G" to include lock nut and O-ring on receptacles with standard 12" leads or shorter. (e.g. MDC-2MR-2 becomes MDC-2MR-2-G)

O-ring and lock nut are included on lead lengths of 15" or longer.

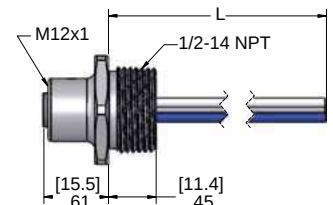
Specifications:

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)

1/2" NPT Male Receptacle



1/2" NPT Female Receptacle



H

Micro-DC (M12) Series Receptacles



MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG

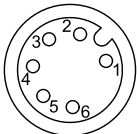
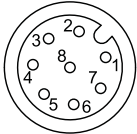
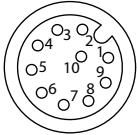
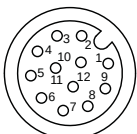


Front Mount Receptacles | 1/2"-14 NPT Threads | 60 Volt, 2 amps | IP67 Rating



H

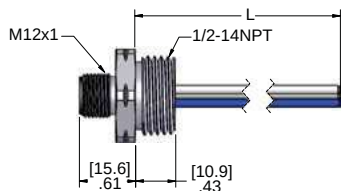
Micro-DC (M12) Series Receptacles

# 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

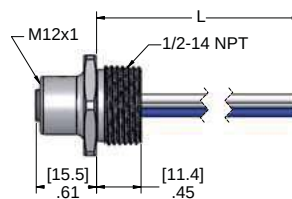
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

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
 Insulator: Polyamide
 Wire: 24 AWG: 60V, 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)



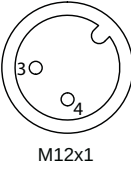
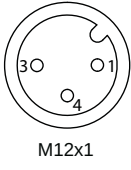
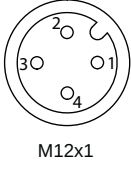
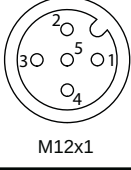
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Front Mount Receptacles | 1/4"-18 NPT Threads | 300 Volt, 4 amps | IP69 Rating



# 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

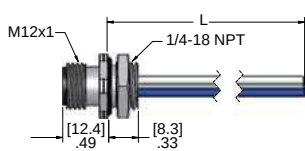
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Micro-DC (M12) Series Receptacles

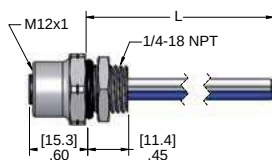
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

1/4" NPT Nickel Plated Brass

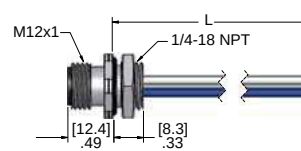
1/4" NPT Stainless Steel



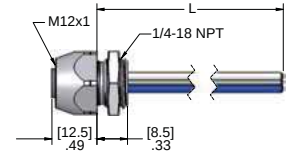
Male Receptacles



Female Receptacles



Male Receptacles



Female Receptacles

Specifications:

Shell: Nickel Plated Brass/Stainless Steel
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)



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



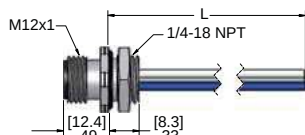
H
Micro-DC (M12) Series Receptacles

# 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

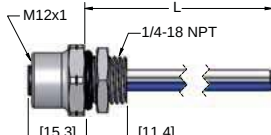
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

1/4" NPT Nickel Plated Brass

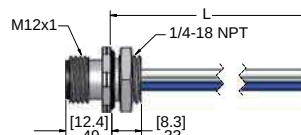
1/4" NPT Stainless Steel



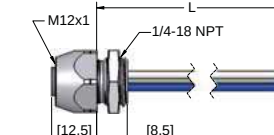
Male Receptacles



Female Receptacles



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: -40°C to 105°C (-40°F to +221°F)



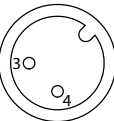
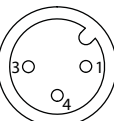
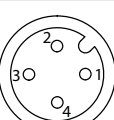
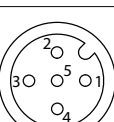
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG

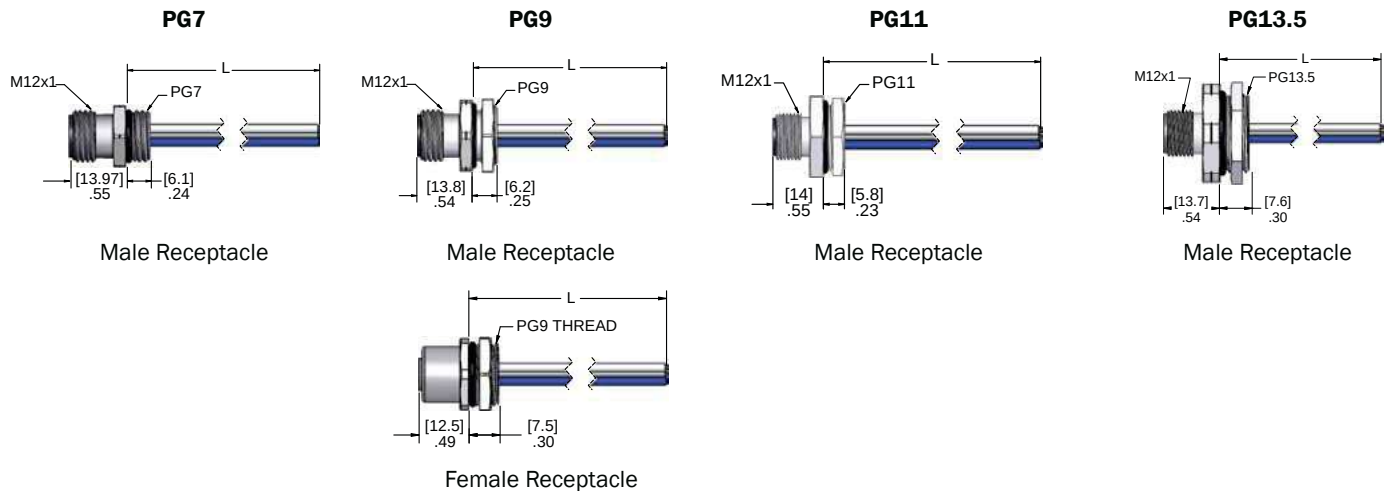


Front Mount Receptacles | PG Threads | 300 Volt, 4 amps | IP69 Rating



# of Poles	Male Face-view	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).



Specifications:

Shell: PG7, PG9 & PG11: Nickel Plated Brass
PG13.5: 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)



MDC (M12) Series Receptacles

6 & 8 Conductor MDC Series Receptacles, 24AWG

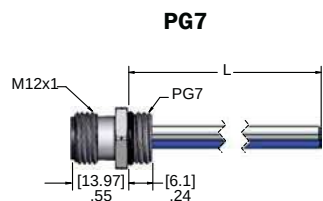


Front Mount Receptacles | PG Threads | 60 Volt, 2 amps | IP67 Rating

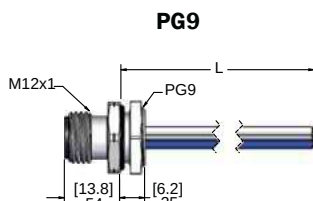


# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles				Female Receptacles
					PG 7	PG 9	PG 11	PG 13.5	PG 9
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-PG7	MDC-6MR-PG9	MDC-6MR-PG11	MDC-6MR-PG13.5	MDC-6FR-PG9
8	 M12 x 1	1. White 2. Brown 3. Green 4. 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

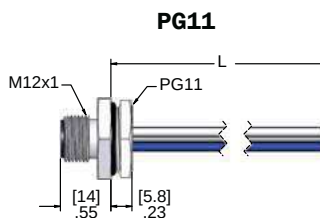
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.
Stainless Steel is available, add a "-SS" suffix (e.g. MDC-5MR-PG11 becomes MDC-5MR-PG11-SS).



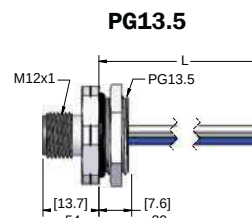
Male Receptacle



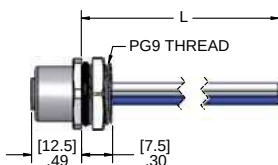
Male Receptacle



Male Receptacle



Male Receptacle



Female Receptacle

Specifications:

Shell: PG7, PG9 & PG11: Nickel Plated Brass
PG13.5: 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)

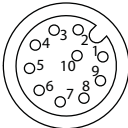
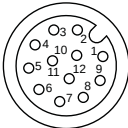


MDC (M12) Series Receptacles

10 & 12 Conductor MDC Series Receptacles, 24AWG



Front Mount Receptacles | PG Threads | 60 Volt, 2 amps | IP67 Rating

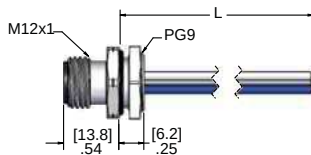
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles			Female Receptacles
					PG 9	PG 11	PG 13.5	PG 9
10	 M12 x 1	1. White 2. Brown 3. Green 4. Yellow 5. Gray 6. Pink 7. Blue 8. Red 9. Orange 10. Tan	60V 2A	24	MDC-10MR-PG9	MDC-10MR-PG11	MDC-10MR-PG13.5	MDC-10FR-PG9
12	 M12 x 1	1. White 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).

H

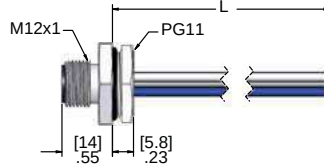
Micro-DC (M12) Series Receptacles

PG9



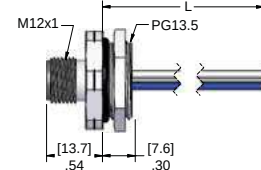
Male Receptacle

PG11

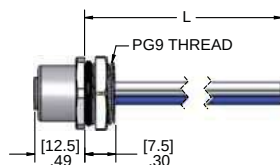


Male Receptacle

PG13.5



Male Receptacle



Female Receptacle

Specifications:

Shell: PG9 & PG11: Nickel Plated Brass
PG13.5: 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)



MDC (M12) Series Receptacles

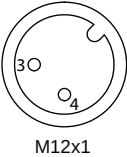
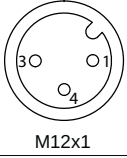
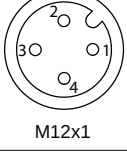
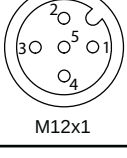
2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Front Mount Receptacles | Metric Threads | 300 Volt, 4 amps | IP69 Rating

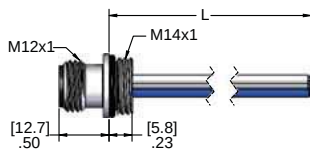


H Micro-DC (M12) Series Receptacles

# 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		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		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		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		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

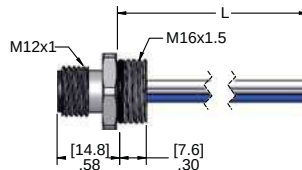
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

M14 Threads



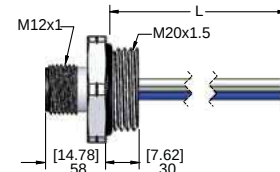
Male Receptacle

M16 Threads

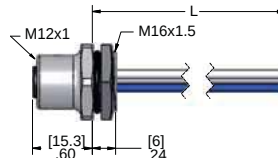


Male Receptacle

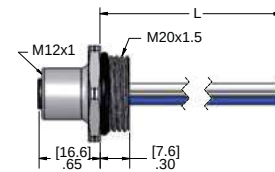
M20 Threads



Male Receptacle



Female 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)



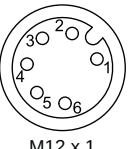
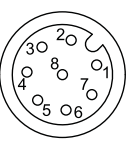
MDC (M12) Series Receptacles

6 & 8 Conductor MDC Series Receptacles, 24AWG



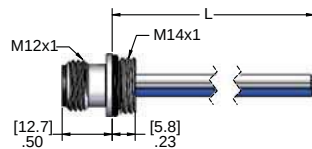
Front Mount Receptacles | Metric Threads | 60 Volt, 2 amps | IP67 Rating



# 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
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

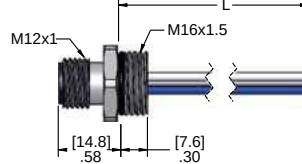
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.

M14 Threads



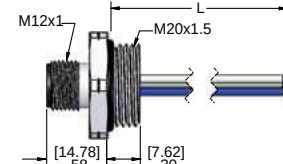
Male Receptacle

M16 Threads

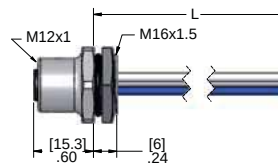


Male Receptacle

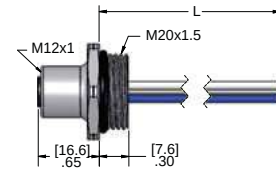
M20 Threads



Male Receptacle



Female 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)

H

Micro-DC (M12) Series Receptacles



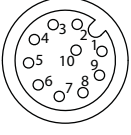
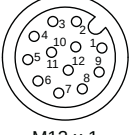
MDC (M12) Series Receptacles

10 & 12 Conductor MDC Series Receptacles, 24AWG

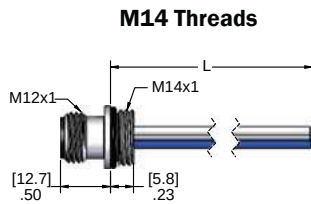


Front Mount Receptacles | Metric Threads | 60 Volt, 2 amps | IP67 Rating

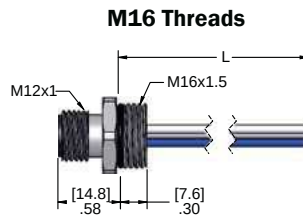
H
Micro-DC (M12) Series Receptacles

# 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

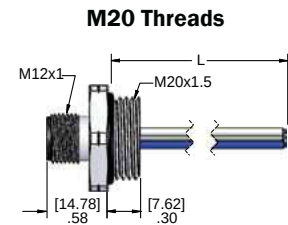
12" leads are standard. Longer lead lengths are available, please consult the factory for part numbers.



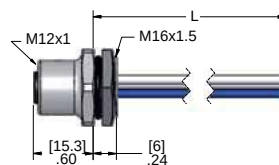
Male Receptacle



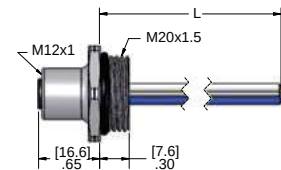
Male Receptacle



Male Receptacle



Female 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)



MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



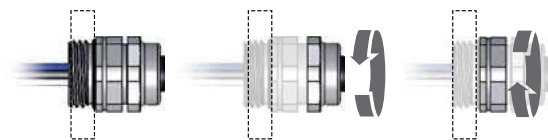
Front Mount Receptacles | Front Lock Nut | PG9 & M16 Threads | 300 Volt, 4 amps | IP69 Rating

These receptacles are designed for thread mount applications that require keyway orientation.



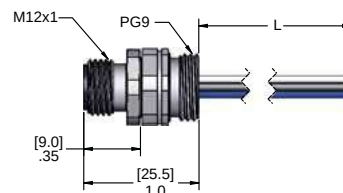
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M16 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	1. Not Used 2. Not Used 3. Brown 4. Blue	300V 4A	18	MDC-2MR-FLPG9-18	MDC-2FR-FLPG9-18	MDC-2MR-FLM16-18	MDC-2FR-FLM16-18
				22	MDC-2MR-FLPG9	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

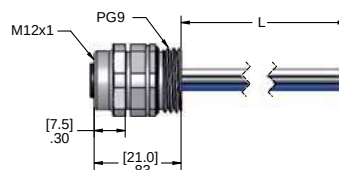


Male Receptacle

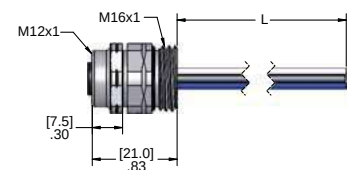
M16 Threads



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)



MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG



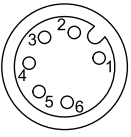
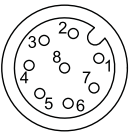
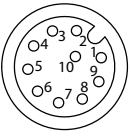
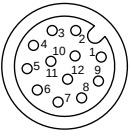
Front Mount Receptacles | Front Lock Nut | PG9 & M16 Threads | 60 Volt, 2 amps | IP67 Rating



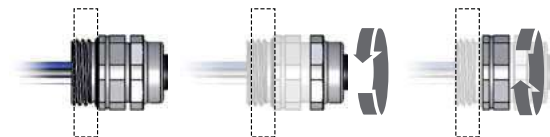
These receptacles are designed for thread mount applications that require keyway orientation.

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Micro-DC (M12) Series Receptacles

# 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.

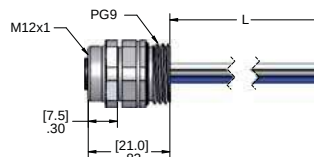
Specifications:

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: -40°C to 105°C (-40°F to +221°F)

PG9 Threads



Male Receptacle



Female Receptacle

M16 Threads



Male Receptacle



Female Receptacle

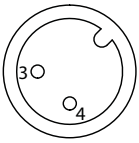
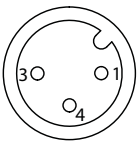
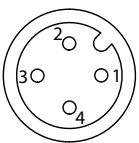
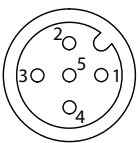


MDC (M12) Series Receptacles

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

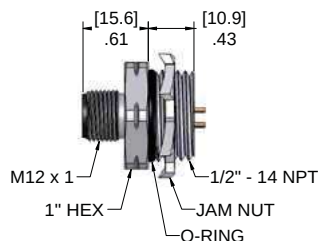
H

Micro-DC (M12) Series Receptacles

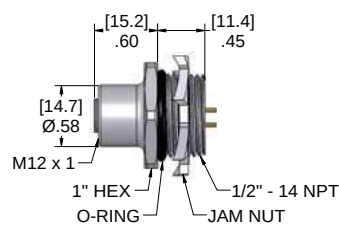
Other mounting threads are available, please consult the factory.

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

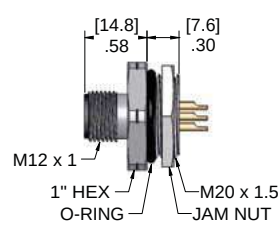


Male Receptacles

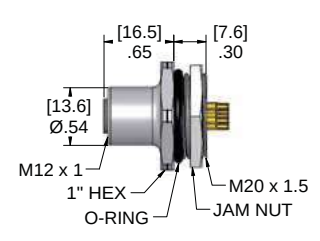


Female Receptacles

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)



MDC (M12) Series Receptacles

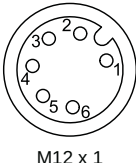
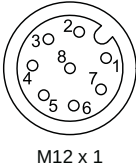
6, 8 10 & 12 Conductor MDC Series Receptacles



Solder Cup Receptacles | 1/2"-14 NPT & Metric Threads | 60V, 2A | Non-UL | IP67 Rating

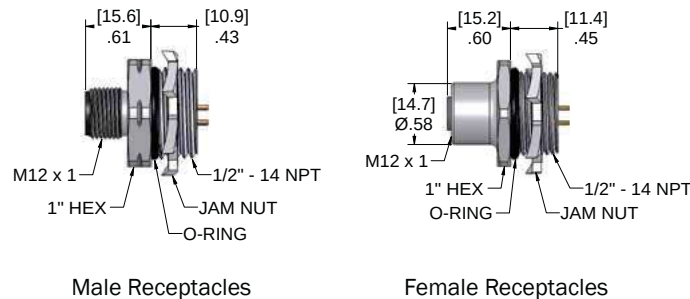
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Micro-DC (M12) Series Receptacles

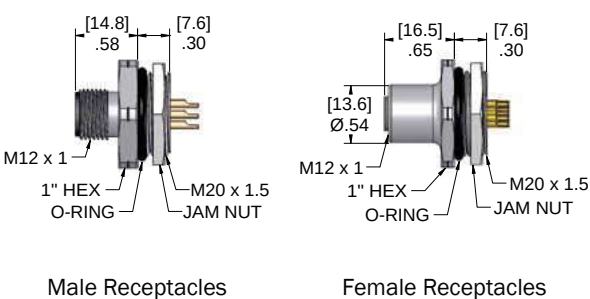
# of Poles	Male Faceview	Rating	Wire AWG	1/2" - 14 NPT Threads		M20 x 1.5 Threads	
				Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	60V 2A MAX	24 AWG MAX	MDC-6MR-2-SC	MDC-6FR-2-SC	MDC-6MR-M20-SC	MDC-6FR-M20-SC
8	 M12 x 1	60V 2A MAX	24 AWG MAX	MDC-8MR-2-SC	MDC-8FR-2-SC	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



M20 Threads



Specifications:

Shell:	1/2"-14NPT: Clear Anodized Aluminum	Lock Nut:	Zinc Plated Steel
	M20 x 1.5: Nickel Plated Brass	Jam Nut:	Nickel Plated Brass
Insulator:	Polyamide	O-Ring:	NBR
Contacts:	Copper Alloy with Gold Plating	Temperature:	-40°C to 105°C (-40°F to +221°F)



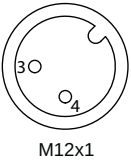
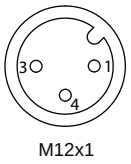
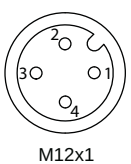
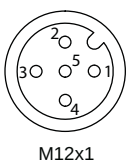
MDC (M12) Series Receptacles

2, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Back Mount Receptacles | PG9 & M20 Threads | 300 Volt, 4 amps | IP69 Rating



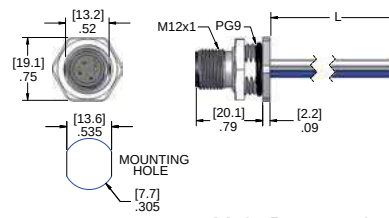
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M20 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
2	 M12x1	3. Brown 4. Blue	300V 4A	18	MDC-2MR-BM-18	MDC-2FR-BM-18	MDC-2MR-M20-BM-18	MDC-2FR-M20-BM-18
				22	MDC-2MR-BM	MDC-2FR-BM	MDC-2MR-M20-BM	MDC-2FR-M20-BM
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.

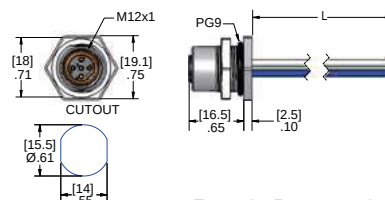
Specifications:

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

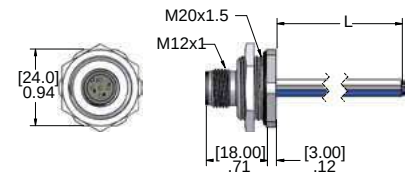


Male Receptacle

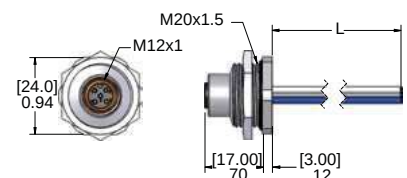


Female Receptacle

M20 Threads



Male Receptacle



Female Receptacle



MDC (M12) Series Receptacles

6, 8, 10 & 12 Conductor MDC Series Receptacles, 24AWG



Back Mount Receptacles | 60 Volt, 2 amps | IP67 Rating



H

Micro-DC (M12) Series Receptacles

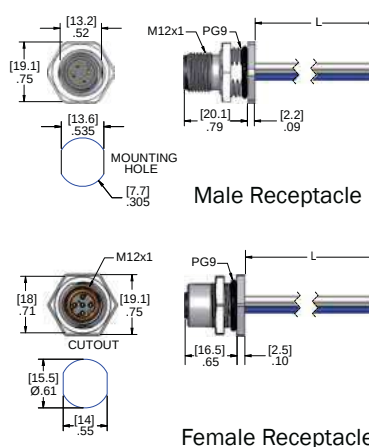
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	PG9 Threads		M20 Threads	
					Male Receptacles	Female Receptacles	Male Receptacles	Female Receptacles
6	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Gray 6. Pink	60V 2A	24	MDC-6MR-BM	MDC-6FR-BM	MDC-6MR-M20-BM	MDC-6FR-M20-BM
8	 M12 x 1	1. White 2. 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.

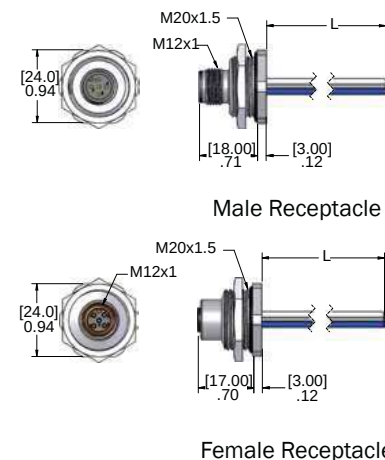
Specifications:

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



M20 Threads





MDC (M12) Series Receptacles

4 & 5 Conductor MDC Series Receptacles

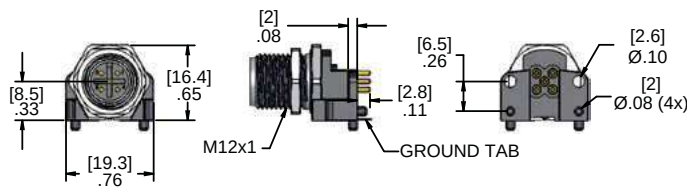


PCB Mount Male Receptacles | 250 Volt, 4 amps | IP69/IP67 Rating

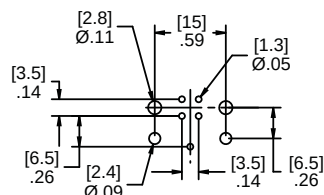
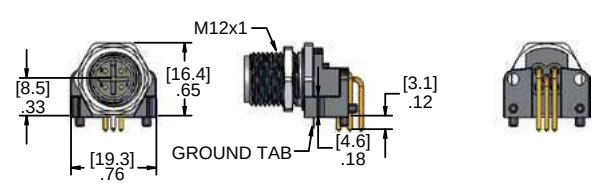


# of Poles	Male Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount IP69	MDC-4MR-PCB	MDC-4MR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-4MR-PCB	MDCM-4MR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount IP69	MDC-5MR-PCB	MDC-5MR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-5MR-PCB	MDCM-5MR-PCB-R

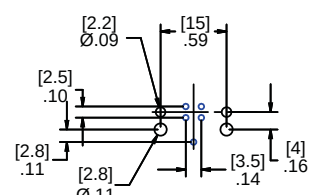
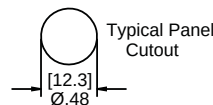
Male Straight



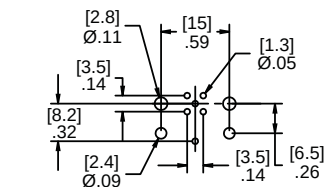
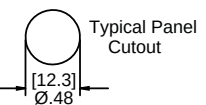
Male Right Angle



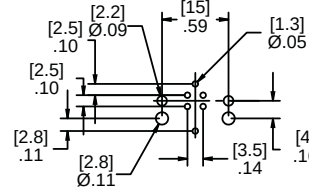
4 Pole Female Straight Layout



4 Pole Female Right Angle Layout



5 Pole Female Straight 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)



MDC (M12) Series Receptacles

4 & 5 Conductor MDC Series Receptacles

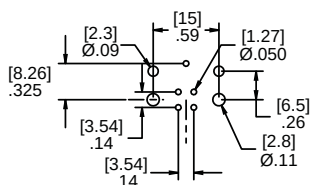
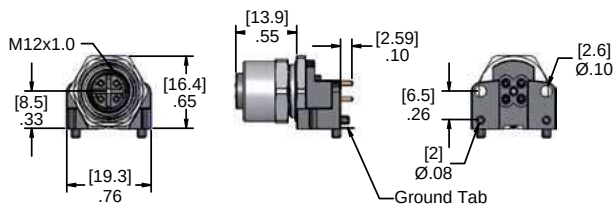


PCB Mount Female Receptacles | 250 Volt, 4 amps | IP69/IP67 Rating

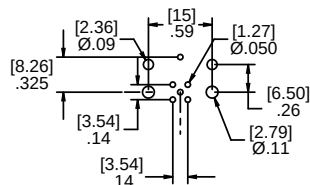


# of Poles	Female Faceview	Rating	Style	Straight	Right Angle
4	M12 x 1	250V 4A	PCB Mount IP69	MDC-4FR-PCB	MDC-4FR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-4FR-PCB	MDCM-4FR-PCB-R
5	M12 x 1	250V 4A	PCB Mount IP69	MDC-5FR-PCB	MDC-5FR-PCB-R
			PCB Mount w/ Ground Tab IP67	MDCM-5FR-PCB	MDCM-5FR-PCB-R

Female Straight

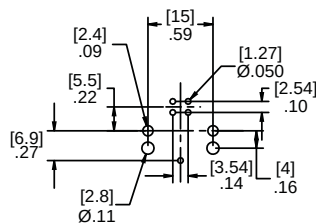
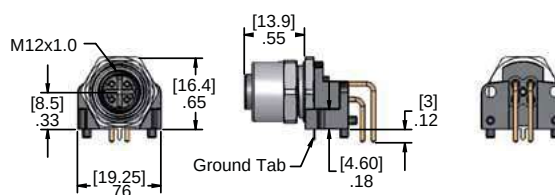


4 Pole Female Straight Layout

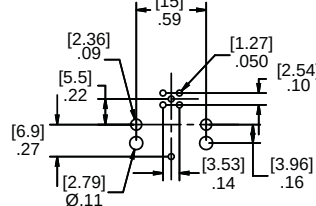


5 Pole Female Straight Layout

Female Right Angle



4 Pole Female 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)



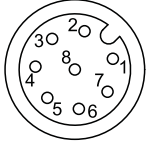
MDC (M12) Series Receptacles

8 Conductor MDC Series Receptacles

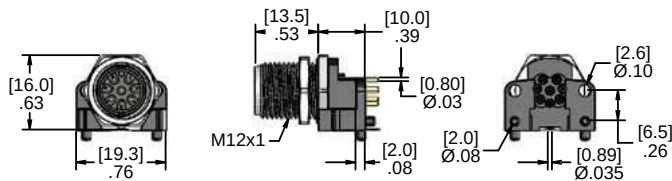


PCB Mount Receptacles | 30 Volt, 2 amps | IP67 Rating

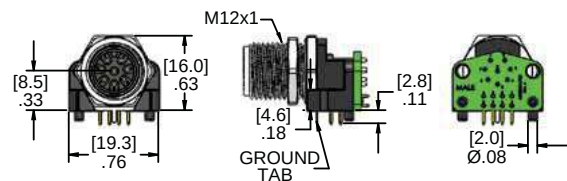


# of Poles	Male Faceview	Rating	Style	Male Receptacles		Female Receptacles	
				Straight	Right Angle	Straight	Right Angle
8	 M12 x 1	30V 2A	PCB Mount	MDC-8MR-PCB	MDC-8MR-PCB-R	MDC-8FR-PCB	MDC-8FR-PCB-R
			PCB Mount w/ Ground Tab	MDCM-8MR-PCB	MDCM-8MR-PCB-R	MDCM-8FR-PCB	MDCM-8FR-PCB-R

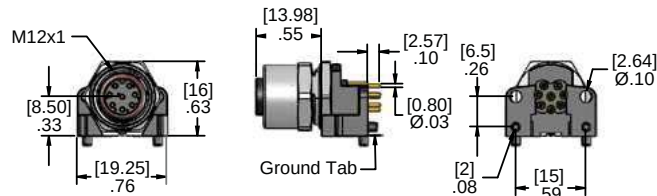
Male Straight



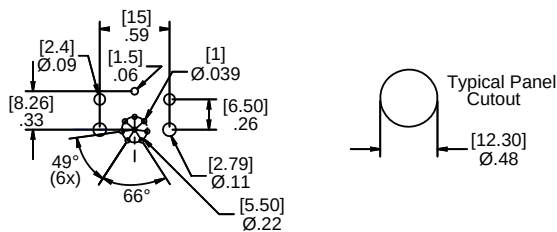
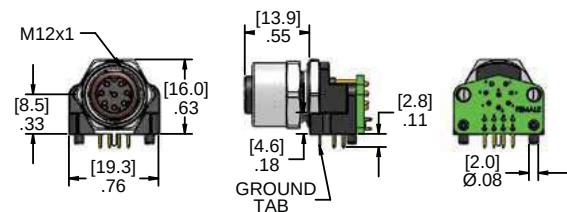
Male Right Angle



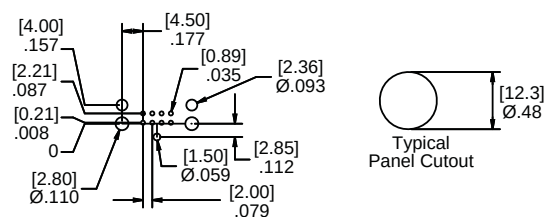
Female Straight



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)

H

Micro-DC (M12) Series Receptacles



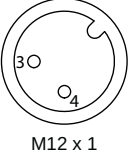
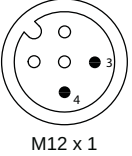
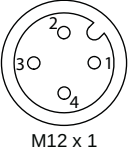
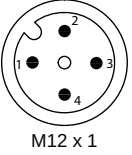
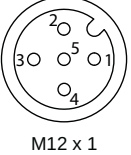
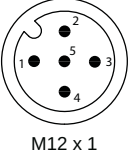
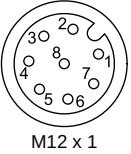
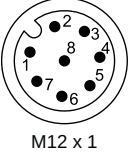
MDC (M12) Series Receptacles

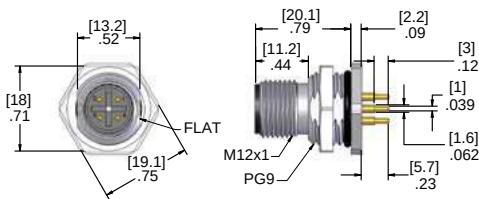
2, 4, 5 & 8 Conductor MDC Series Receptacles



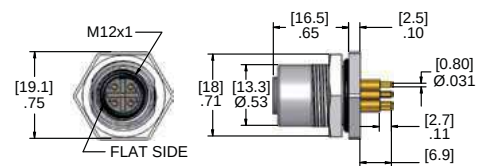
Back Mount PCB Receptacles | 300V, 4A | 60V, 1.5A | IP69/IP67 Rating

H
Micro-DC (M12) Series Receptacles

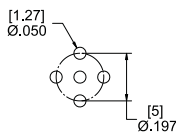
# of Poles	Male Faceview	Rating	Male Receptacles	Female Receptacles	Female Faceview
2 IP69	 M12 x 1	300V 4A	MDC-2MR-BM-PCB	MDC-2FR-BM-PCB	 M12 x 1
4 IP69	 M12 x 1	300V 4A	MDC-4MR-BM-PCB	MDC-4FR-BM-PCB	 M12 x 1
5 IP69	 M12 x 1	300V 4A	MDC-5MR-BM-PCB	MDC-5FR-BM-PCB	 M12 x 1
8 IP67	 M12 x 1	60V 1.5A	MDC-8MR-BM-PCB	MDC-8FR-BM-PCB	 M12 x 1



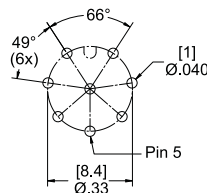
Male Receptacle



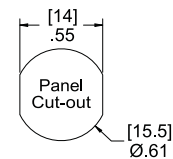
Female Receptacle



4 & 5 Pole PCB Layout



8 Pole PCB Layout



Specifications:

Shell: Nickel Plated Brass
Insulator: 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)



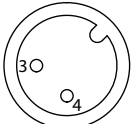
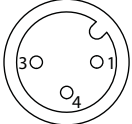
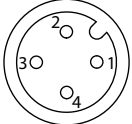
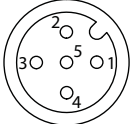
MDC (M12) Series Receptacles

2, 3, 4 & 5 Conductor MDC Series Receptacles, 18/22AWG



Panel Mount Male Receptacles | 300 Volt, 4 amps | IP69 Rating

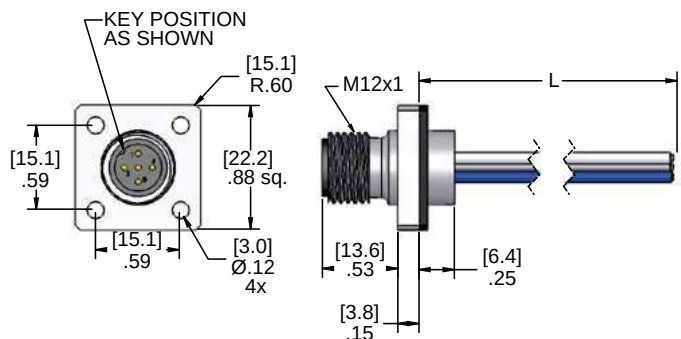


# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles
2	 M12 x 1	3. Brown 4. Blue	300V 4A	18 AWG	MDC-2MR-PM-18
				22 AWG	MDC-2MR-PM
3	 M12 x 1	1. Brown 3. Blue 4. Black	300V 4A	18 AWG	MDC-3MR-PM-18
				22 AWG	MDC-3MR-PM
4	 M12 x 1	1. Brown 2. White 3. Blue 4. Black	300V 4A	18 AWG	MDC-4MR-PM-18
				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)



H

Micro-DC (M12) Series Receptacles



MDC (M12) Series Receptacles

6, 8, 10, & 12 Conductor MDC Series Receptacles, 24AWG



Panel Mount Male Receptacles | 60 Volt, 2 amps | IP67 Rating



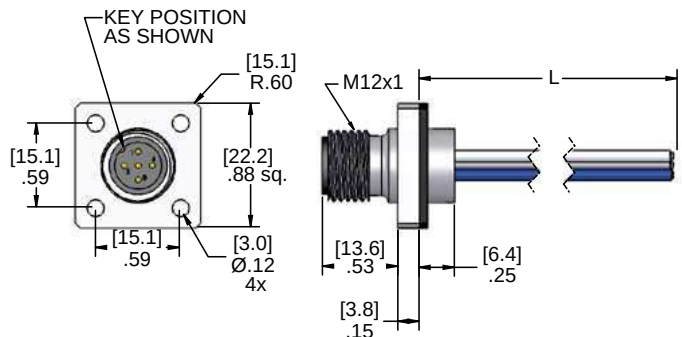
H
Micro-Dc (M12) Series Receptacles

# 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)





MDC (M12) Series Receptacles

4, 5 & 8 Conductor MDC Series Receptacles



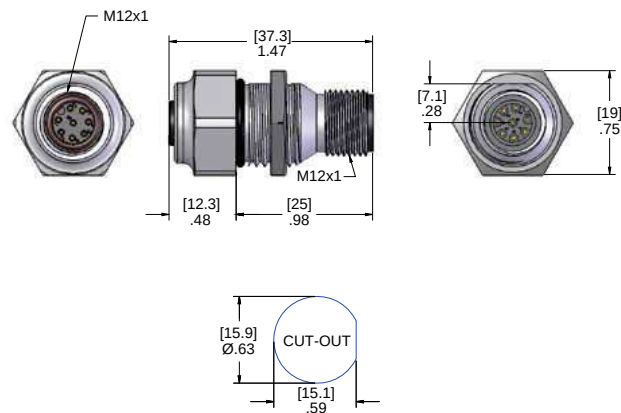
Through Panel Mount Receptacles | Male to Female | 300V, 4A | IP69/IP67 Rating



# 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
Insulator:	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)



H

Micro-DC (M12) Series Receptacles



MDC (M12) Series Receptacles

3, 4, 5, 6 & 8 Conductor MDC Series Solder Cup Inserts



Solder Cup Inserts | Male | 300V Max, 4A Max

H
Micro-DC (M12) Series Receptacles

# 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)



MDC (M12) Series Receptacles

4 & 5 Conductor MDC Series Conduit Adapters



Conduit Adapters | 1 & 2 Port | 300 Volt, 4 amps | IP67 Rating



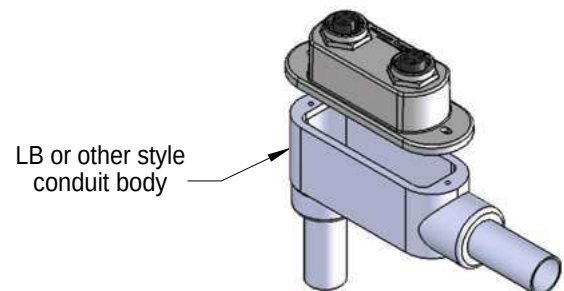
# of Poles	Faceview	Rating	# of Ports	Part Number	Body Style	Circuit
4	 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK	300V 4A	1 Port	MDC-1-4FR-CA		
	 4 3 2 1 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK		2 Port	MDC-2-4FR-CA		
5	 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK 5 = GRAY	300V 4A	1 Port	MDC-1-5FR-CA		
	 1 2 3 4 5 1 = BROWN 2 = WHITE 3 = BLUE 4 = BLACK 5 = GRAY		2 Port	MDC-2-5FR-CA		

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Micro-DC (M12) Series Receptacles

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)



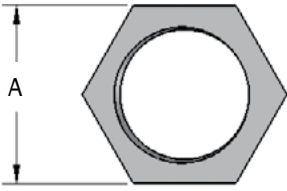
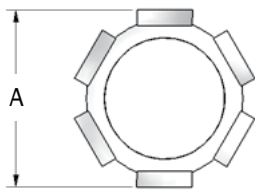
MDC (M12) Series Accessories

MDC Series Jam & Lock Nuts



NPT, PG & Metric Threads

H
Micro-Dc (M12) Series Receptacles

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



Euro-AC Series

MEC Series (M12), B-coded

Over-Molded Cables | Armored Cables | Receptacles | Field Wireables | Accessories

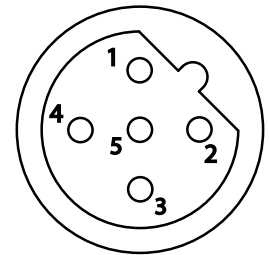
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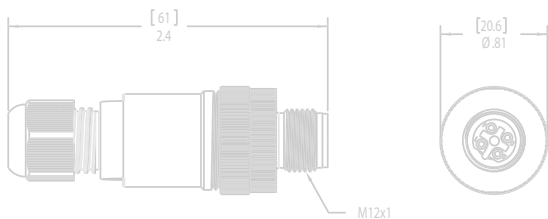
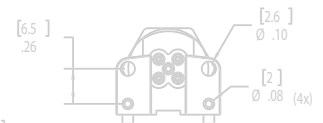
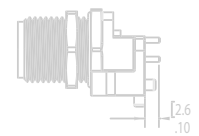
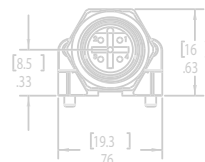
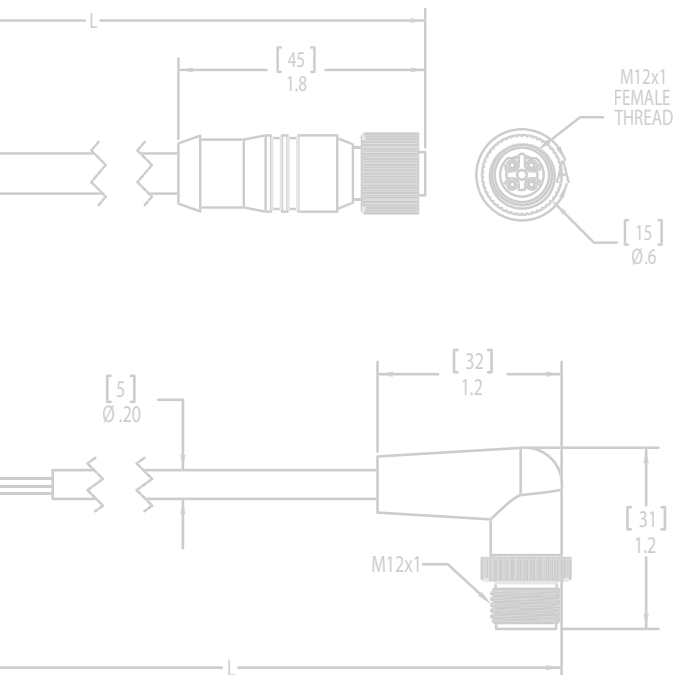
As with the Micro-DC(MDC) and Micro-AC(MAC) series, the Euro-AC (MEC) series connectors do not imply that they are only used in AC applications. MEC series uses the M12 mating thread like the MDC series, and they are also commonly used for coding purposes in conjunction with the MDC series. Made popular 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



EURO-AC (M12) Series

Euro-AC Series

MEC Series (M12), B-coded



Contents

Cordsets	Part Number Matrix	I-3
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	Back Mount	I-11
	PCB Mount	I-12 ~ I-12
Solder Cup Inserts		I-14

I

EURO-AC (M12) Series



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.



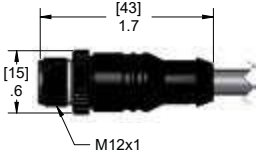
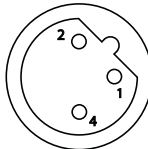
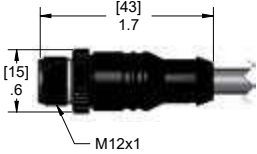
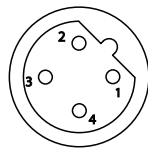
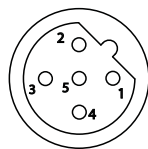
Euro-AC (M12) Series Cordsets

3, 4 & 5 Conductor MEC Series Cordsets, 22AWG



Straight Male Cordsets | 300 Volt, 4 amps | IP67 Rating



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)



Euro-AC (M12) Series Cordsets

3, 4 & 5 Conductor MEC Series Cordsets, 22AWG



Straight/Right Angle Female Cordsets | 300 Volt, 4 amps | IP67 Rating



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)

I-5
EURO-AC (M12) Series



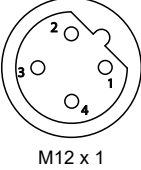
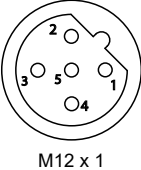
Euro-AC (M12) Series Field Wireable Plugs

4 & 5 Conductor MEC Series Field Wireable Plugs, 18-24AWG



Field Wireable Plugs | PG 7, 9 & 11 Threads | 250 Volt, 4 amps | IP67 Rating



# 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.

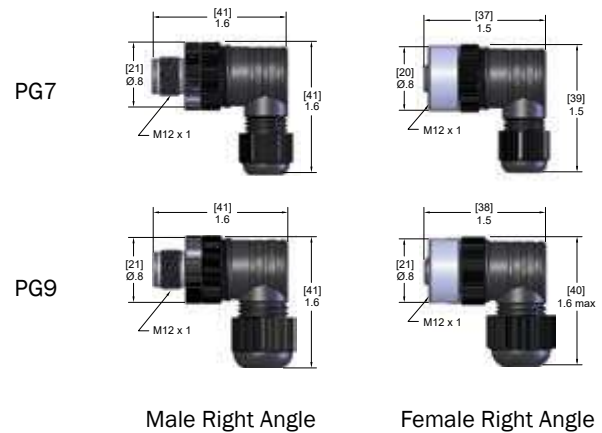
The connectors are water tight to IP 67 and are fully mateable with other "EURO-AC" style connectors.

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



Right Angle Field Wireable 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)



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

R/A or Straight

Blank = Straight
R = Right Angle

Length in Meters

Blank = 1'

Termination Type

Blank = Pre-Wired
PCB = PCB Mount

EURO-AC (M12) Series



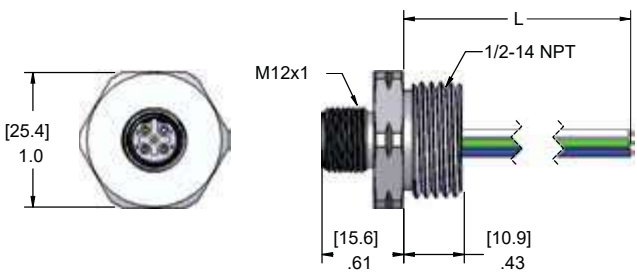
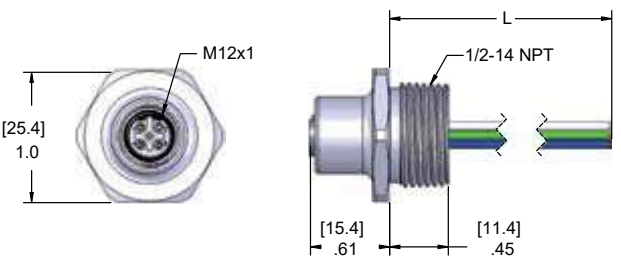
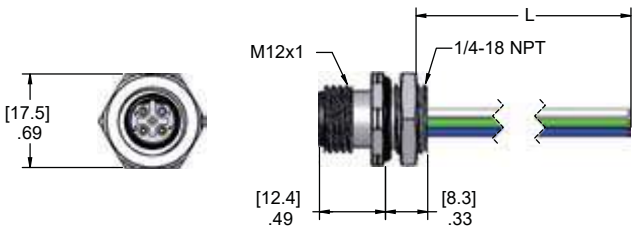
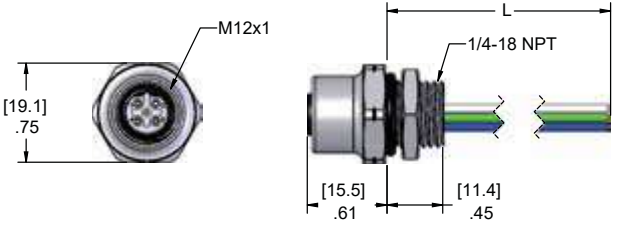
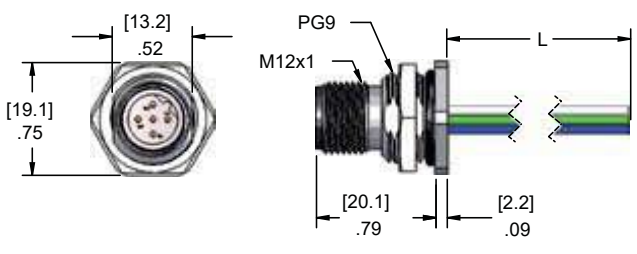
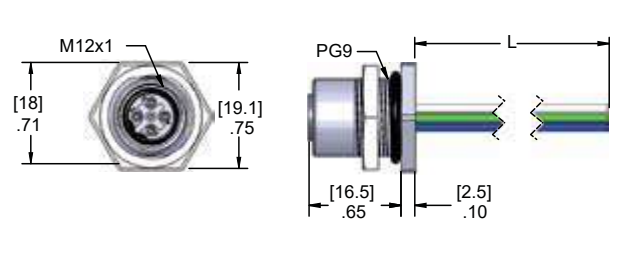
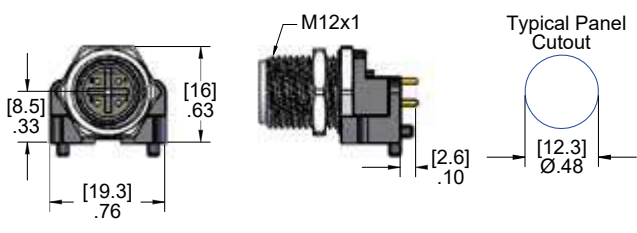
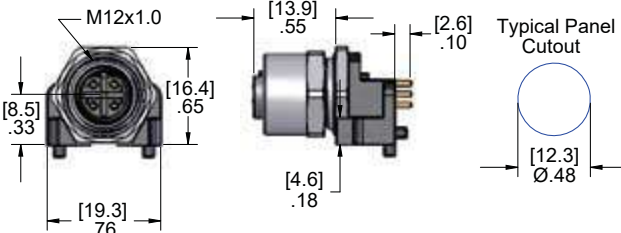
Euro-AC (M12) Series Receptacles

MEC Series Receptacle Index



Front Mount | Back Mount | PCB Mount

EURO-AC (M12) Series

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
	



Euro-AC (M12) Series Receptacles

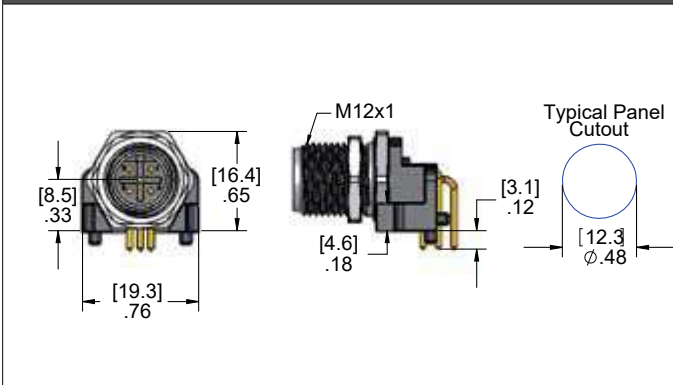
MEC Series Receptacle Index



PCB Mount

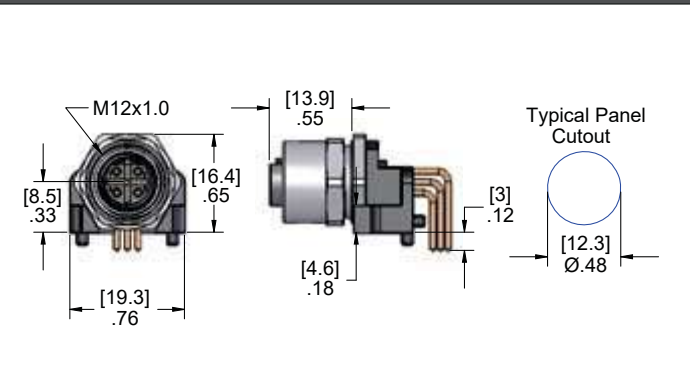
PCB Mount, Male, Right Angle

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



# 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		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		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		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.

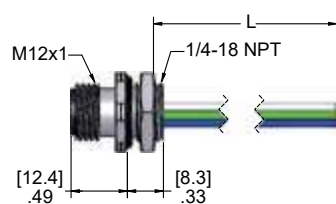
Stainless Steel is available, add "-SS" to the part number (e.g. MEC-4MR-4-SS).

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)

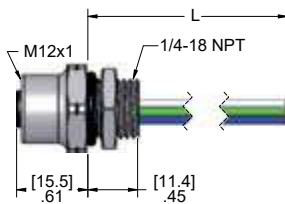
For 1/2" receptacles with lengths of 15" or longer O-ring and lock nut are included.

1/4" - 18 NPT

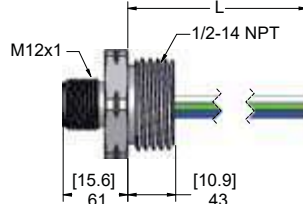
1/2" - 14 NPT



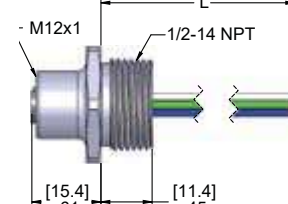
Male Receptacle



Female Receptacle



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)



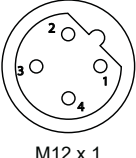
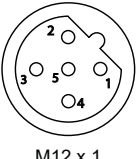
Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles, 22AWG



Back Mount Receptacles | 300 Volt, 4 amps | IP67 Rating



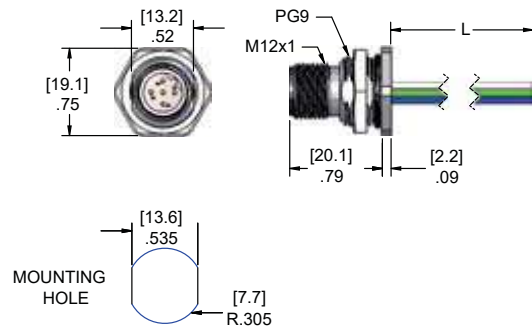
# of Poles	Male Faceview	Color Code	Rating	Wire AWG	Male Receptacles	Female Receptacles
4	 M12 x 1	1. Brown 2. Blue 3. Black 4. Green/Yellow 5. Not Used	300V 4A	22 AWG	MEC-4MR-BM	MEC-4FR-BM
				18 AWG	MEC-4MR-BM-18	MEC-4FR-BM-18
5	 M12 x 1	1. Brown 2. White 3. Blue 4. Black 5. Green/Yellow	300V 4A	22 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.

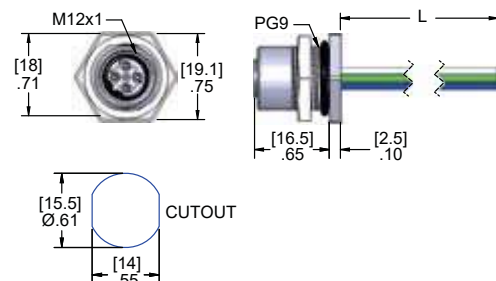
Specifications:

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



EURO-AC (M12) Series



Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles

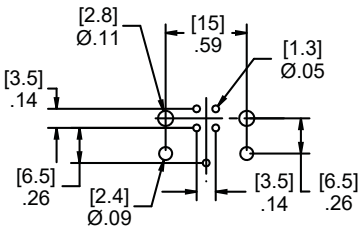
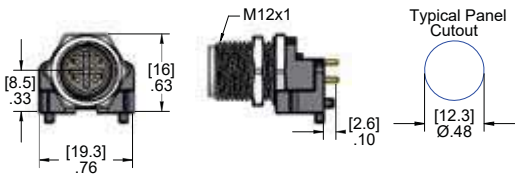


Male PCB Mount Receptacles | 250V, 4A | IP67 Rating

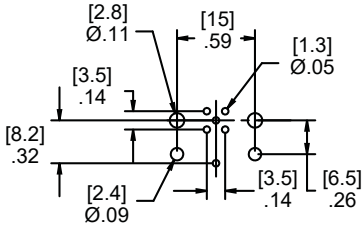


# of Poles	Male Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount	MEC-4MR-PCB	MEC-4MR-PCB-R
			PCB Mount w/ Ground Tab	MECM-4MR-PCB	MECM-4MR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount	MEC-5MR-PCB	MEC-5MR-PCB-R
			PCB Mount w/ Ground Tab	MECM-5MR-PCB	MECM-5MR-PCB-R

Male Straight

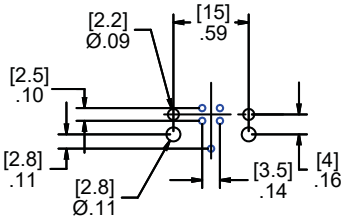
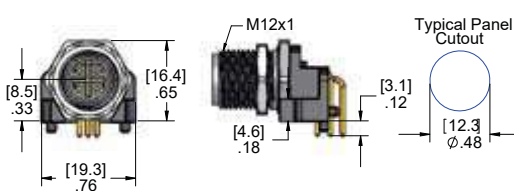


4 Pole Male Straight Layout

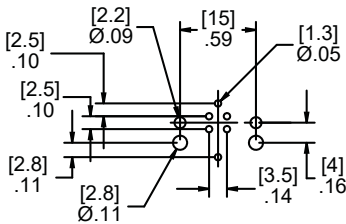


5 Pole Male Straight Layout

Male Right Angle



4 Pole Male Right angle Layout



5 Pole Male Right Angle Layout

Specifications:

Body: Polyamide
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)



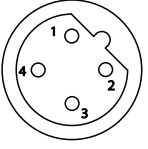
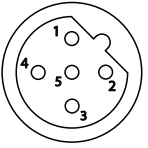
Euro-AC (M12) Series Receptacles

4 & 5 Conductor MEC Series Receptacles

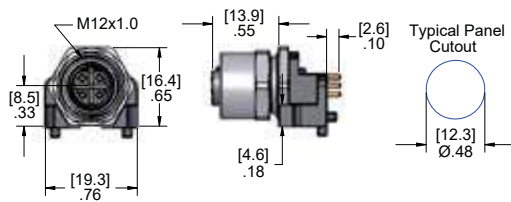


Female PCB Mount Receptacles | 250V, 4A | IP67 Rating

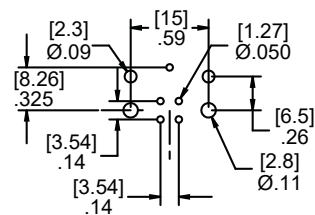
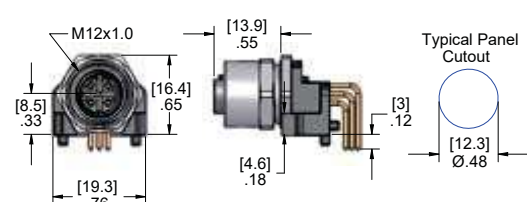


# of Poles	Female Faceview	Rating	Style	Straight	Right Angle
4	 M12 x 1	250V 4A	PCB Mount	MEC-4FR-PCB	MEC-4FR-PCB-R
			PCB Mount w/ Ground Tab	MECM-4FR-PCB	MECM-4FR-PCB-R
5	 M12 x 1	250V 4A	PCB Mount	MEC-5FR-PCB	MEC-5FR-PCB-R
			PCB Mount w/ Ground Tab	MECM-5FR-PCB	MECM-5FR-PCB-R

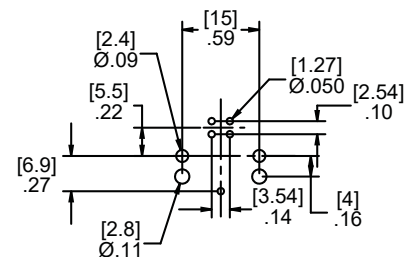
Female Straight



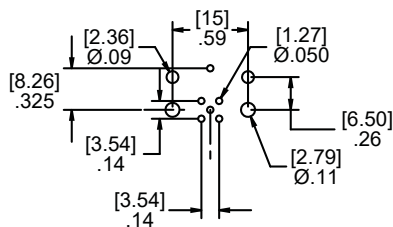
Female Right Angle



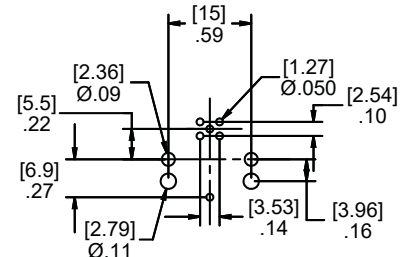
4 Pole Female Straight Layout



4 Pole Female Right angle Layout



5 Pole Female Straight 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)

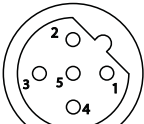


Euro-AC (M12) Series Receptacles

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)

I-14
EURO-AC (M12) Series