

Part Number Keys	C2
Cordsets	C4
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Inserts	C28
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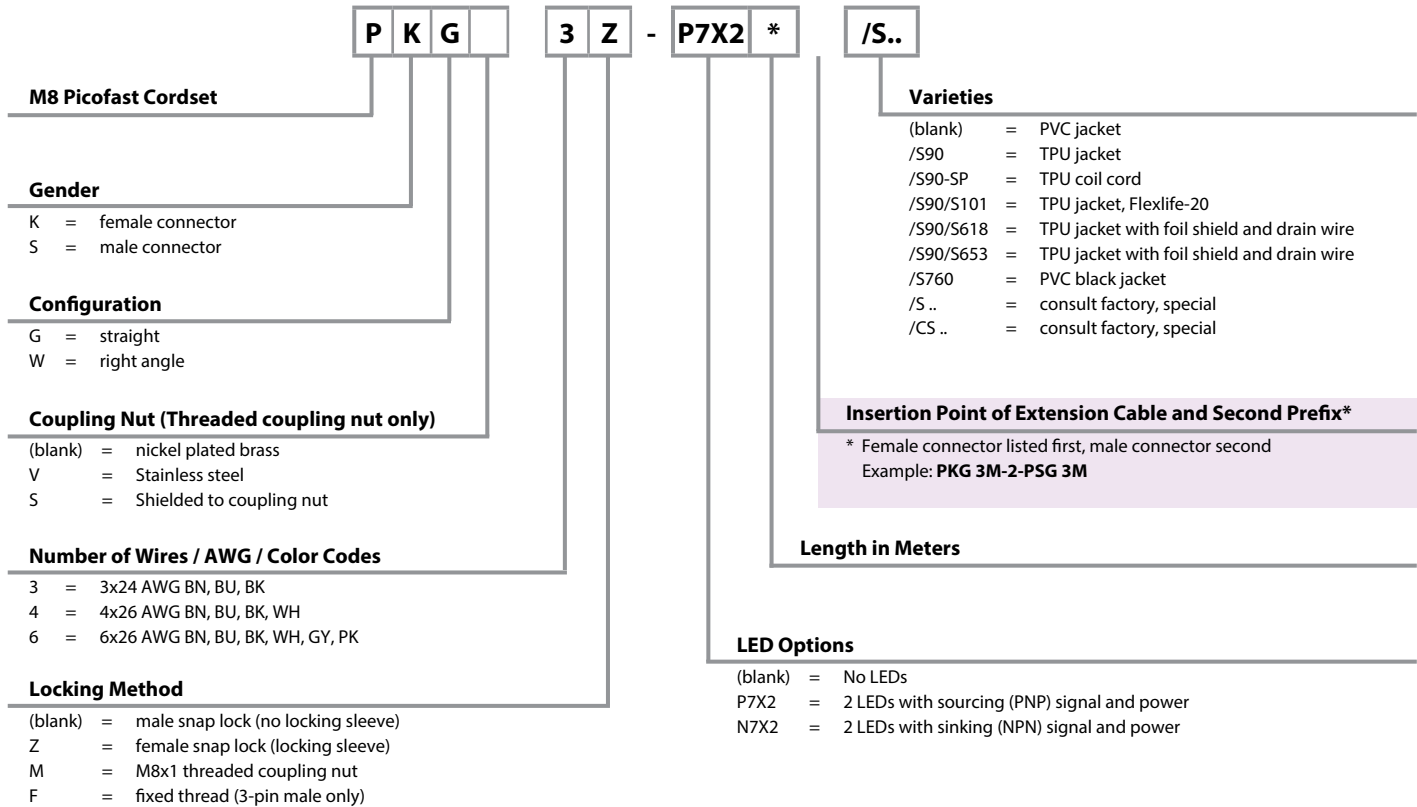
Features

- 3, 4 and 6 pins
- Threaded or snap mating
- Nickel-brass or stainless steel materials
- Straight and angled connectors
- LED options
- Receptacles with leads or PCB pins



Cordset Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.

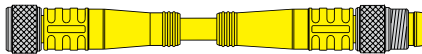


Extension Examples:

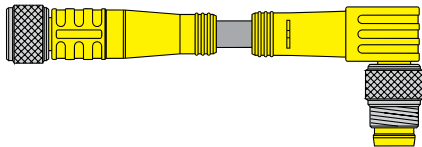
Hybrid connector extensions also available. Consult factory.

Extension Examples:

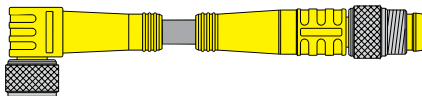
Hybrid connector extensions also available. Consult factory.



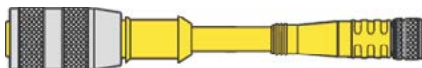
PKG 3M - 2 - PSG 3M



PKG 3M - 2 - PSW 3M



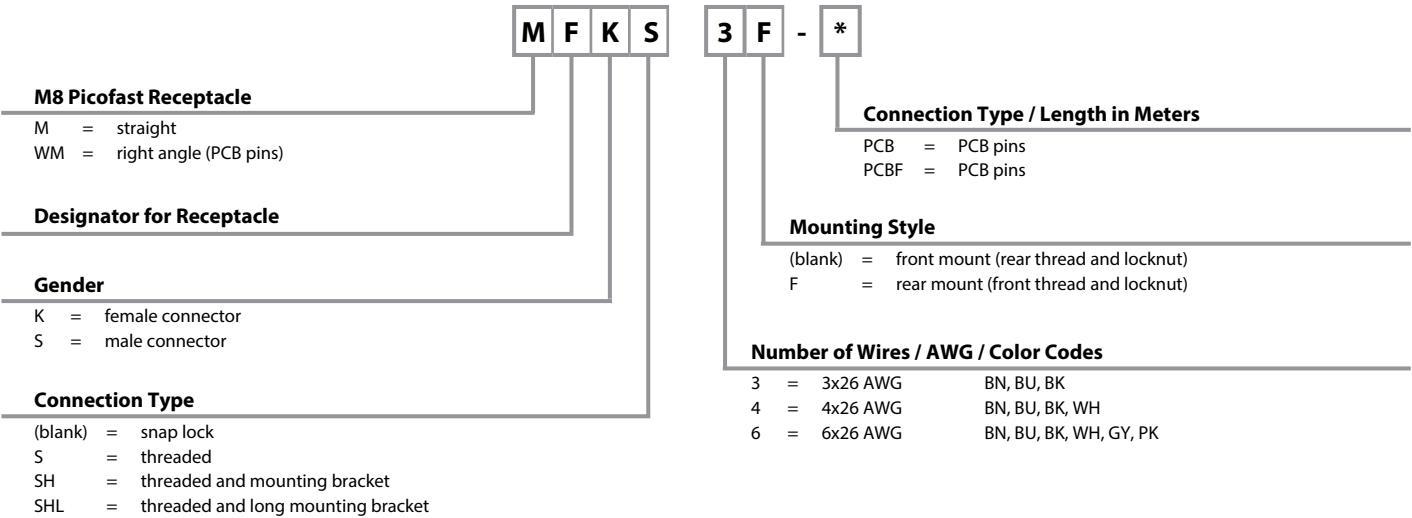
PKW 3M - 2 - PSG 3M



RK 4.4 T - 2 - PKG 4M

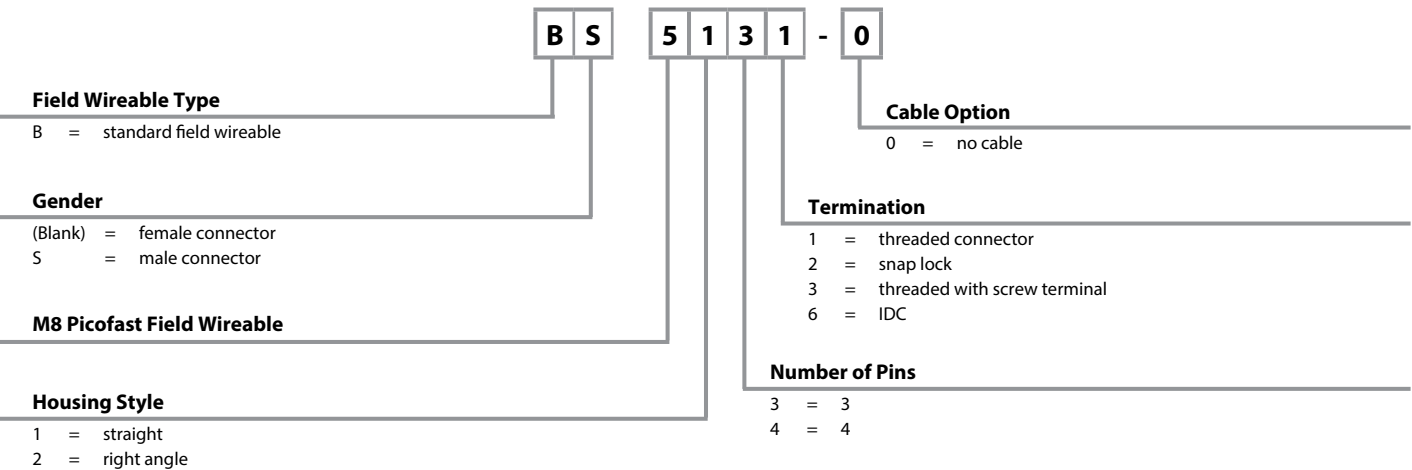
Receptacle Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



picofast®

Field Wireable Part Number Key



- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout	
PKG ..Z** 1.260 [32.0] Ø.404 [10.2] LOCKING SLEEVE PKW ..Z** LOCKING SLEEVE .665 [16.9] 1.140 [29.0] PSG .. 1.228 [31.2] Ø.331 [8.4] PSW .. 1.089 [27.6] .720 [18.3] Ø.327 [8.3]	PKG 3Z-* PKW 3Z-*	PSG 3-* PSW 3-*	AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Flexlife®	1. BN 3. BU 4. BK	Female
	PKG 3Z-*/S90 PKW 3Z-*/S90	PSG 3-*/S90 PSW 3-*/S90	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, Cut/Abrasion Immune		
	PKG 3Z-*/S90/S101 PKW 3Z-*/S90/S101	PSG 3-*/S90/S101 PSW 3-*/S90/S101	AWM, TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166-*M, Cut/Abrasion Immune, Flexlife-20, High Flex - Over 20 Million Cycles		
	PKG 3Z-*/S90/S618 PKW 3Z-*/S90/S618	PSG 3-*/S90/S618 PSW 3-*/S90/S618	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, Cut/Abrasion Immune, EMI/RFI Protection		
	PKG 3Z-*/S760 PKW 3Z-*/S760	PSG 3-*/S760 PSW 3-*/S760	AWM, PVC Black, 3x24 AWG, 105 °C, 4.2 mm OD, Cable #RF50585-M, Flexlife	1. BN 3. BU 4. BK	Male

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Locking sleeve material is POM."PKG..Z".

We reserve the right to make technical alterations without prior notice.

4-Wire Cordsets, Snap Lock (Locking Sleeve)

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..Z**	PKG 4Z-* PKW 4Z-*	PSG 4-* PSW 4-*	AWM, PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, Flexlife®	Female 1. BN 2. WH 3. BU 4. BK
	PKG 4Z-*/S90 PKW 4Z-*/S90	PSG 4-*/S90 PSW 4-*/S90	AWM, TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, Cut/Abrasion Immune	
PKW ..Z**	PKG 4Z-*/S90/S101 PKW 4Z-*/S90/S101	PSG 4-*/S90/S101 PSW 4-*/S90/S101	AWM, TPU Black, 4x26 AWG, 90 °C, 4.4 mm OD, Cable #RF50935-*M, Cut/Abrasion Immune, Flexlife-20, High Flex - Over 20 Million Cycles	
PSG ..	PKG 4Z-*/S90/S618 PKW 4Z-*/S90/S618	PSG 4-*/S90/S101 PSW 4-*/S90/S101	AWM, TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50602-*M, Cut/Abrasion Immune, EMI/RFI Protection	
	PKG 4Z-*/S760 PKW 4Z-*/S760	PSG 4-*/S760 PSW 4-*/S760	AWM, PVC Black, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50870-*M, Flexlife	
PSW ..	PKG 4Z-*/S90/S653 PKW 4Z-*/S90/S653	PSG 4-*/S90/S653 PSW 4-*/S90/S653	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, Cut/Abrasion Immune, EMI/RFI Protection	Male 1. BN 2. Drain 3. BU 4. BK

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Locking sleeve material is POM.. "PKG..Z".

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..Z**	PKG 6Z-* PKW 6Z-*	PSG 6-* PSW 6-*	AWM, PVC Yellow, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF50734-*M, Flexlife®, UL Listed	Female Male
PKW ..Z**	PKG 6Z-*/S90 PKW 6Z-*/S90	PSG 6-*/S90 PSW 6-*/S90	AWM, TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50735-*M, Cut/Abrasion Immune	
PSG ..	PKG 6Z-*/S90/S618 PKW 6Z-*/S90/S618	PSG 6-*/S90/S618 PSW 6-*/S90/S618	AWM, TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF51144-M, Cut/Abrasion Immune EMI/RFI Protection	
PSW ..	PKG 6Z-*/S760 PKW 6Z-*/S760	PSG 6-*/S760 PSW 6-*/S760	AWM, PVC Black, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF51083-*M, Flexlife®, UL Listed	

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Locking sleeve material is POM.. "PKG..Z".

We reserve the right to make technical alterations without prior notice.

3-Wire Cordsets, Threaded Coupling Nut

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..Z** 	PKG 3M-* PKW 3M-*	PSG 3M-* PSW 3M-*	AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Flexlife®	Female 1. BN 3. BU 4. BK
PKW ..M** 	PKG 3M-*/S90 PKW 3M-*/S90	PSG 3M-*/S90 PSW 3M-*/S90	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, Cut/Abrasion Immune	
PSG ..M** 	PKG 3M-*/S90/S618 PKW 3M-*/S90/S618	PSG 3M-*/S90/S618 PSW 3M-*/S90/S618	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF51166-*M, Cut/Abrasion Immune, Flexlife-20, High Flex - Over 20 Million Cycles	
PSW ..M** 	PKG 3M-*/S1587 PKW 3M-*/S1587	PSG 3M-*/S1587 PSW 3M-*/S1587	AWM, TPE Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF51271-*M, Weldlife®, Weld Flash Immune	
PSW ..M** 	PKG 3M-*/S760 PKW 3M-*/S760	PSG 3M-*/S760 PSW 3M-*/S760	AWM, PVC Black, 3x24 AWG, 4.2 mm OD, Cable #RF50585-M, Flexlife	Male 1. BN 3. BU 4. Drain
PSG 3F ..** 	PKG 3M-*/S90/S1084 PKW 3M-*/S90/S1084	PSG 3M-*/S90/S1084 PSW 3M-*/S90/S1084	AWM, TPU Black, 2x24 AWG, 90 °C, 4.2 mm OD, Cable #RF51197-*M, Cut/Abrasion Immune, Shielded	
		PSG 3F-*	AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Fixed coupling nut	

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Standard coupling material is nickel plated brass.. "PKG..M"; "PKG..M" indicates stainless steel.

Cordsets

We reserve the right to make technical alterations without prior notice.

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..M**	PKG 4M-* PKW 4M-*	PSG 4M-* PSW 4M-*	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, Flexlife®	Female 1. BN 2. WH 3. BU 4. BK
PKW ..M**	PKG 4M-*/S90 PKW 4M-*/S90	PSG 4M-*/S90 PSW 4M-*/S90	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, Cut/Abrasion Immune	
PSG ..M**	PKG 4M-*/S90/S101 PKW 4M-*/S90/S101	PSG 4M-*/S90/S101 PSW 4M-*/S90/S101	AWM TPU Black, 4x26 AWG, 90 °C, 4.4 mm OD, Cable #RF50935-*M, Cut/Abrasion Immune, Flexlife-20, High Flex - Over 20 Million Cycles	
PSW ..M**	PKG 4M-*/S90/S618 PKW 4M-*/S90/S618	PSG 4M-*/S90/S618 PSW 4M-*/S90/S618	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50602-*M, Cut/Abrasion Immune, EMI/RFI Protection	
	PKG 4M-*/S760 PKW 4M-*/S760	PSG 4M-*/S760 PSW 4M-*/S760	AWM PVC Black, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50870-*M, Flexlife	
	PKG 4M-*/S90/S653 PKW 4M-*/S90/S653	PSG 4M-*/S90/S653 PSW 4M-*/S90/S653	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, Cut/Abrasion Immune, EMI/RFI Protection	Male 1. BN 2. Drain 3. BU 4. BK

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Standard coupling material is nickel plated brass..*PKG..M"; "PKG..M" indicates stainless steel.

We reserve the right to make technical alterations without prior notice.

6-Wire Cordsets, Threaded Coupling Nut

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..M**	PKG 6M-* PKW 6M-*	PSG 6M-* PSW 6M-*	AWM PVC Yellow, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF50734-*M, Flexlife®, UL Listed	
PKW ..M**	PKG 6M-*/S90 PKW 6M-*/S90	PSG 6M-*/S90 PSW 6M-*/S90	AWM TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50735-*M, Cut/Abrasion Immune	
PSG ..M**	PKG 6M-*/S760 PKW 6M-*/S760	PSG 6M-*/S760 PSW 6M-*/S760	AWM PVC Black, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF51083-*M, Flexlife, UL Listed	
PSW ..M**	PKG 6M-*/S90/S618 PKW 6M-*/S90/S618	PSG 6M-*/S90/S618 PSW 6M-*/S90/S618	AWM TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF51144-*M, Cut/ Abrasion Immune EMI/RFI Protection	

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters.

** Standard coupling material is nickel plated brass.. "PKG..M"; "PKG..M" indicates stainless steel.

Cordsets

- Shield to Coupling Nut
- IEC IP67 Protection
- 125 V, 4 A (3-pin), 2 A (4-pin)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..M**	PKGS 3M-* PKWS 3M-*	PSGS 3M-* PSWS 3M-*	AWM, PVC Yellow, 3x24 AWG, 105 °C, 5.1 mm OD, Cable #RF51422-*M, RFI/EMI Shielding Tied to Coupling Nut	Female 1. BN 3. BU 4. BK
PKW ..M**	PKGS 3M-*/S90 PKWS 3M-*/S90	PSGS 3M-*/S90 PSWS 3M-*/S90	AWM, TPU Black, 3x24 AWG, 90 °C, 5.1 mm OD, Cable #RF51423-*M, RFI/EMI Shielding Tied to Coupling Nut	Male
PSG ..M**	PKGS 4M-* PKWS 4M-*	PSGS 4M-* PSWS 4M-*	AWM, PVC Yellow, 4x26 AWG, 105 °C, 5.1 mm OD, Cable #RF51424-*M, RFI/EMI Shielding Tied to Coupling Nut	Female 1. BN 2. WH 3. BU 4. BK
PSW ..M**	PKGS 4M-*/S90 PKWS 4M-*/S90	PSGS 4M-*/S90 PSWS 4M-*/S90	AWM, TPU Black, 4x26 AWG, 90 °C, 5.1 mm OD, Cable #RF51425-*M, RFI/EMI Shielding Tied to Coupling Nut	Male

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters. Consult factory for other lengths.

** Standard coupling material is nickel plated brass.

We reserve the right to make technical alterations without prior notice.

3 and 4-Wire Cordsets, with LEDs, Snap Lock (Locking Sleeve)

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 10-30 VDC, 4 A (3-pin), 2 A (4-pin)



Connector Style	Female Part Number	Features	Pinout
PKW ..Z** YELLOW (OUTPUT) GREEN (POWER) LOCKING SLEEVE 1.140 [29.0] .665 [16.9]	PKW 3Z-P7X2-*	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, PNP Signal, Flexlife®	1. BN 3. BU 4. BK Female
	PKW 3Z-P7X2-*/S90	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, PNP Signal, Cut/Abrasion Immune	
	PKW 3Z-P7X2-*/S90/S618	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection	
	PKW 3Z-P7X2-*/S90/S101	AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166-*M, PNP Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	PKW 3Z-N7X2-*	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, NPN Signal, Flexlife	
	PKW 3Z-N7X2-*/S90	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, NPN Signal, Cut/Abrasion Immune	
	PKW 3Z-N7X2-*/S90/S618	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection	
	PKW 3Z-N7X2-*/S90/S101	AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166-*M, NPN Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	PKW 4Z-P7X2-*	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, PNP Signal, Flexlife	1. BN 2. WH 3. BU 4. BK Male
	PKW 4Z-P7X2-*/S90	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, PNP Signal, Cut/Abrasion Immune	
	PKW 4Z-P7X2-*/S90/S101	AWM TPU Black, 4x26 AWG, 90 °C, 4.4 mm OD, Cable #RF50935-*M, PNP Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - Over 20 Million Cycles	

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.

** Locking sleeve material is POM.. "PKW..Z".

Cordsets

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 10-30 VDC, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKW ..M** YELLOW (OUTPUT) GREEN (POWER) 1.114 [28.3] 0.650 [16.5] 0.378 [9.6] M8x1 PSW ..M** YELLOW (OUTPUT) GREEN (POWER) 1.100 [27.9] 0.906 [23.0] 0.374 [9.5] M8x1	PKW 3M-P7X2-*	PSW 3M-P7X2-*	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, PNP Signal, Flexlife®	Female 1. BN 3. BU 4. BK
	PKW 3M-P7X2-*/S90	PSW 3M-P7X2-*/S90	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, PNP Signal, Cut/Abrasion Immune	
	PKW 3M-P7X2-*/S90/S101	PSW 3M-P7X2-*/S90/S101	AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166-*M, PNP Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	PKW 3M-P7X2-*/S90/S618		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection	
	PKW 3M-N7X2-*		AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, NPN Signal, Flexlife	
	PKW 3M-N7X2-*/S90		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, NPN Signal, Cut/Abrasion Immune	
	PKW 3M-N7X2-*/S90/S101		AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166-*M, NPN Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	PKW 3M-N7X2-*/S90/S618		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection	

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters. Consult factory for other lengths.

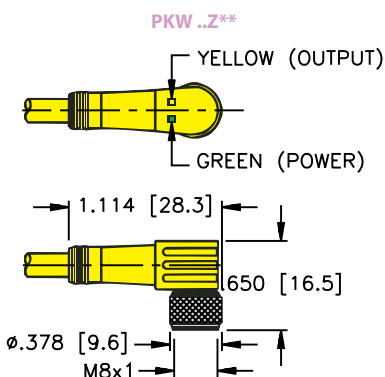
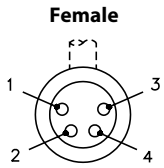
** Standard coupling material is nickel plated brass.

We reserve the right to make technical alterations without prior notice.

4-Wire Cordsets, with LEDs, Threaded Coupling Nut

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 10-30 VDC, 2 A



Connector Style	Female Part Number	Features	Pinout	
	PKW 4M-P7X2-*	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, PNP Signal, Flexlife®	1. BN 2. WH 3. BU 4. BK	
	PKW 4M-P7X2-*/S90	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, PNP Signal, Cut/ Abrasion Immune		
	PKW 4M-P7X2-*/S90/S101	AWM TPU Black, 4x26 AWG, 90 °C, 4.4 mm OD, Cable #RF50935-*M, PNP Signal, Cut/ Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles		
	PKW 4M-P7X2-*/S90/S618	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50602-*M, PNP Signal, Cut/ Abrasion Immune, EMI/RFI Protection		

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.
** Locking sleeve material is POM.. "PKW..Z".

We reserve the right to make technical alterations without prior notice.

Cordsets

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 V, 4 A (3-pin) and 2 A (4-pin)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..Z** PKW ..Z**	PKG 3Z-3/S90-SP PKW 3Z-3/S90-SP	PSG 3-3/S90-SP PSW 3-3/S90-SP	AWM TPU Black, 4x26 AWG, 90 °C, 125 VAC/ VDC, 4 A, 4.2 mm OD, for repetitive motion 3-wire applications, snap lock coupling nut	Female 1. BN 3. BU 4. BK Male
PSG .. PSW ..	PKG 4Z-3/S90-SP PKW 4Z-3/S90-SP	PSG 4-3/S90-SP PSW 4-3/S90-SP	AWM TPU Black, 4x26 AWG, 90 °C, 125 VAC/ VDC, 2 A, 4.2 mm OD, for repetitive motion 4-wire applications, snap lock coupling nut	Female 1. BN 2. WH 3. BU 4. BK Male

We reserve the right to make technical alterations without prior notice.

* Length in meters. Standard cable length is 3 meters. Consult factory for other lengths.

** Locking sleeve material is POM.. "PKG(W)..Z".

3 and 4-Wire Spiral Cordsets, Threaded Coupling Nut

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 125 VAC/VDC, 4 A (3-pin) and 2 A (4-pin)



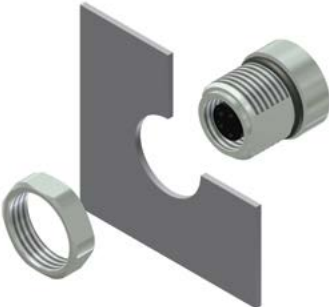
Connector Style	Female Part Number	Male Part Number	Features	Pinout
PKG ..Z** PKW ..Z** PSG .. PSW ..	PKG 3M-3/S90-SP PKW 3M-3/S90-SP	PSG 3M-3/S90-SP PSW 3M-3/S90-SP	AWM TPU Black, 4x26 AWG, 90 °C, 125 VAC/ VDC, 4 A, 4.2 mm OD, for repetitive motion 3-wire applications, threaded coupling nut	1. BN 3. BU 4. BK Female Male
PKG ..Z** PKW ..Z** PSG .. PSW ..	PKG 4M-3/S90-SP PKW 4M-3/S90-SP	PSG 4M-3/S90-SP PSW 4M-3/S90-SP	AWM TPU Black, 4x26 AWG, 90 °C, 125 VAC/ VDC, 2 A, 4.2 mm OD, for repetitive motion 4-wire applications, threaded coupling nut	1. BN 2. WH 3. BU 4. BK Female Male

* Length in meters. Standard cable length is 3 meters. Consult factory for other lengths.

** Locking sleeve material is POM.. "PKW..Z".

Cordsets

Receptacle Selection Guide

Mounting Style	Image	Panel Thread Types	Page
Front Mount		M8	C17
Rear Mount		M8 7/16-20 with Solder Cups	C18 C22
PCB Mount		M8 with PCB Pins 7/16-20 with Header Pins M8 with Header Pins	C19 C19 C20

We reserve the right to make technical alterations without prior notice.

3, 4 and 6-Wire Receptacles, Front Mount

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
MFKS .. MFS .. Typical panel cutout is 8.2 mm	MFKS 3-*		3x24 AWG, 105 °C, 125 V, 4 A, mates with 3-pin threaded female cordsets	Female 1. BN 3. BU 4. BK
		MFS 3-*	3x24 AWG, 105 °C, 125 V, 4 A, mates with 3-pin snap lock female cordsets	Male
	MFKS 4-*		4x24 AWG, 105 °C, 125 V, 4 A, mates with 4-pin threaded female cordsets	Female 1. BN 2. WH 3. BU 4. BK
		MFS 4-*	4x24 AWG, 105 °C, 125 V, 4 A, mates with 4-pin snap lock female cordsets	Male
	MFKS 6-*		6x24 AWG, 105 °C, 125 V, 2 A, mates with 6-pin threaded female cordsets	Female 1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
		MFS 6-*	6x24 AWG, 105 °C, 125 V, 2 A, mates with 6-pin snap lock female cordsets	Male

* Length in meters. Standard lead length is 0.2 meters. Consult factory for other lengths.
 Standard housing material is nickel plated brass .. "MFK(S).." ; "MFK(S)V.." indicates stainless steel.

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



Housing Style	Male Part Number	Features	Pinout
Typical panel cutout is 8.2 mm	MFS 3F-*	3x24 AWG, 105 °C, 125 V, 4 A, mates with 3-pin snap lock or threaded female cordsets, rear mount	1. BN 3. BU 4. BK
	MFS 4F-*	4x24 AWG, 105 °C, 125 V, 4 A, mates with 4-pin snap lock or threaded female cordsets, rear mount	1. BN 2. WH 3. BU 4. BK
	MFS 6F-*	6x24 AWG, 105 °C, 125 V, 2 A, mates with 6-pin snap lock or threaded female cordsets, rear mount	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	MFSS 3-*	3x24 AWG, 105 °C, 125 V, 4 A, mates with 3-pin snap lock or threaded female cordsets, front mount	1. BN 3. BU 4. BK
	MFSS 4-*	4x24 AWG, 105 °C, 125 V, 4 A, mates with 4-pin snap lock or threaded female cordsets, front mount	1. BN 2. WH 3. BU 4. BK
	MFSS 6-*	4x24 AWG, 105 °C, 125 V, 4 A, mates with 4-pin snap lock or threaded female cordsets, front mount	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
Typical panel cutout is 8.2 x 7.1 mm			

We reserve the right to make technical alterations without prior notice.

* Length in meters. Standard lead length is 0.2 meters. Consult factory for other lengths.
Standard housing material is nickel plated brass .. "MFS(S).." ; "MFS(S)V.." indicates stainless steel.

3, 4 and 6-Pin Receptacles with PCB Pins

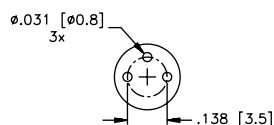
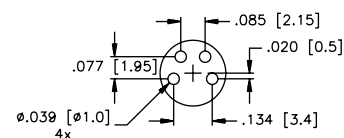
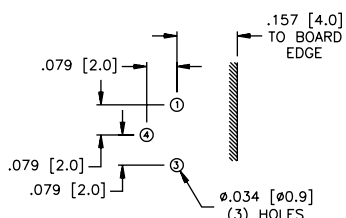
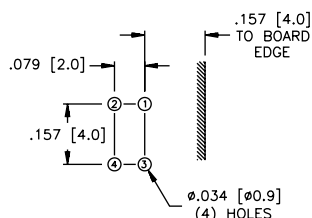
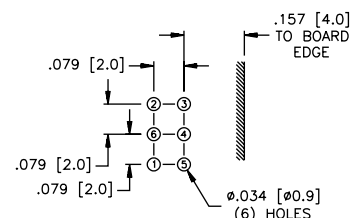
- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



Housing Style	Female Part Number	Features	Pinout
MFKS .. F-PCBF	MFKS 3F-PCBF	PCB Pins, 85 °C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female
	MFKS 4F-PCBF	PCB Pins, 85 °C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female
WMFK .. F-PCB	WMFK 3F-PCB	PCB Pins, 80 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded male cordsets	Female
	WMFK 4F-PCB	PCB Pins, 80 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin threaded male cordsets	Female
	WMFK 6F-PCB	PCB Pins, 80 °C, 24 VDC, 1 A, mates with 6-pin threaded male cordsets	Female

Receptacles

Standard housing material is nickel plated brass.

MFKS 3F-PCBF**MFKS 4F-PCBF****WMFK 3F-PCB****WMFK 4F-PCB****WMFK 6F-PCB**

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection

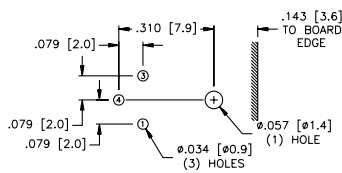


Housing Style	Male Part Number	Features	Pinout
	WMFS 3-PCB	PCB Pins, 80 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin snap lock or threaded female cordsets	Male
	WMFS 4-PCB	PCB Pins, 80 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin snap lock or threaded female cordsets	Male
	WMFS 6-PCB	PCB Pins, 80 °C, 24 VDC, 1 A, mates with 6-pin snap lock or threaded female cordsets	Male
	WMFS 3F-PCB	PCB Pins, 80 °C, 75 VDC, 4 A, mates with 3-pin snap lock or threaded female cordsets	Male
	WMFS 4F-PCB	PCB Pins, 80 °C, 36 VDC, 4 A, mates with 4-pin snap lock or threaded female cordsets	Male
	WMFS 6F-PCB	PCB Pins, 80 °C, 24 VDC, 1 A, mates with 6-pin snap lock or threaded female cordsets	Male

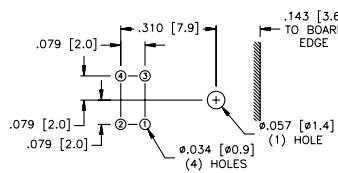
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass.

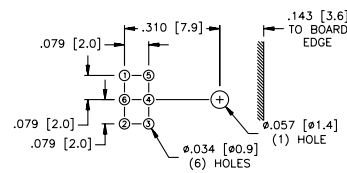
WMFS 3-PCB



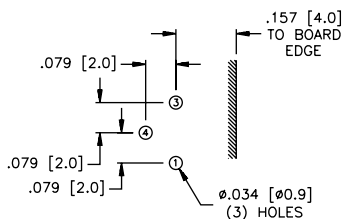
WMFS 4-PCB



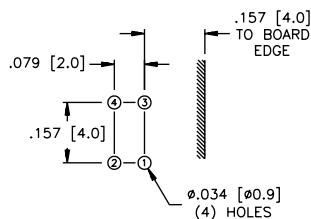
WMFS 6-PCB



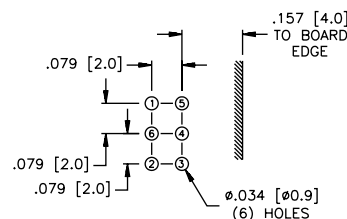
WMFS 3F-PCB



WMFS 4F-PCB



WMFS 6F-PCB



3 and 4-Pin Receptacles with PCB Pins and Mounting Bracket

- IEC IP67 Protection



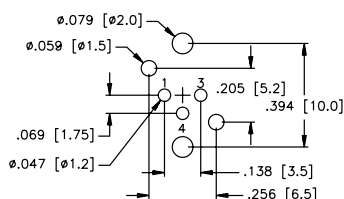
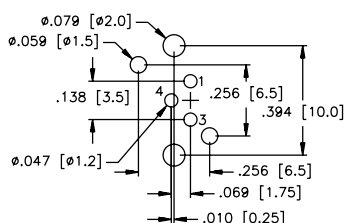
Housing Style	Female Part Number	Features	Pinout
MFKSH .. F-PCB 	MFKSH 3F-PCB	PCB Pins, 85 °C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female
MFKSH 4F-PCB 	MFKSH 4F-PCB	PCB Pins, 85 °C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female
MFKSHL .. F-PCB 	MFKSHL 3F-PCB	PCB Pins, Long Bracket, 85 °C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female
MFKSHL 4F-PCB 	MFKSHL 4F-PCB	PCB Pins, Long Bracket, 85 °C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female
WMFKSH .. F-PCB 	WMFKSH 3F-PCB	PCB Pins, 85 °C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female
WMFKSH 4F-PCB 	WMFKSH 4F-PCB	PCB Pins, 85 °C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female

Receptacles

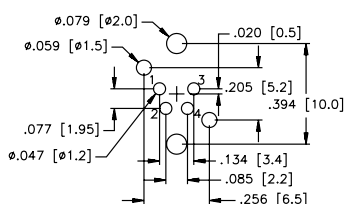
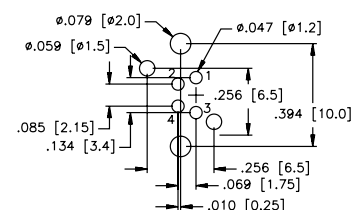
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass.

MFKSH 3F-PCB
MFKSHL 3F-PCB

**WMFKSH 3F-PCB**

MFKSH 4F-PCB
MFKSHL 4F-PCB

**WMFKSH 4F-PCB**

3, 4 and 6-Pin Receptacles, Rear Mount with Solder Cups

- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



Housing Style	Female Part Number	Features	Pinout
	MFKS 3F	Solder Cups, accepts up to 22 AWG conductors, 80 °C, 125 V, 4 A, mates with 3-pin threaded male cordsets	Female
	MFKS 4F	Solder Cups, accepts up to 22 AWG conductors, 80 °C, 125 V, 2 A, mates with 4-pin threaded male cordsets	Female
	MFKS 6F	Solder Cups, accepts up to 24 AWG conductors, 80 °C, 125 V, 2 A, mates with 6-pin threaded male cordsets	Female

Standard housing material is nickel plated brass.

We reserve the right to make technical alterations without prior notice.

3, 4 and 6-Pin Feed-Thru Receptacles

- Female to Male Receptacles
- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



Housing Style	Part Number	Features	Pinout
MFSV MFKV .. 1.547 [39.3] 1.012 [25.7] M8x1 GASKET LOCKNUT LOCKWASHER	MFSV MFKV 3/M8	3-conductor, 80 °C, 125 V, 4 A, mates with 3-pin threaded cordsets	Female Male
MFSV MFKV .. 1.614 [41.0] 1.079 [27.4] M8x1 GASKET LOCKNUT LOCKWASHER	MFSV MFKV 4/M8	4-conductor, 80 °C, 125 V, 2 A, mates with 4-pin threaded cordsets	Female Male
MFSV MFKV .. 1.614 [41.0] 1.079 [27.4] M8x1 GASKET LOCKNUT LOCKWASHER	MFSV MFKV 6/M8	6-conductor, 80 °C, 125 V, 2 A, mates with 6-pin threaded cordsets	Female Male

Standard housing material is nickel plated brass.

We reserve the right to make technical alterations without prior notice.

Receptacles

- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 513(4)1-0	B 5131-0	BS 5131-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	Female Male
BS 513(4)1-0	B 5141-0	BS 5141-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	Female Male
B 513(4)3-0	B 5133-0	BS 5133-0	PBT, Black, accepts 3-5 mm cable diameter, screw terminals, accepts up to 22 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded cordsets and receptacles	Female Male
BS 513(4)3-0	B 5143-0	BS 5143-0	PBT, Black, accepts 3-5 mm cable diameter, screw terminals, accepts up to 22 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	Female Male

We reserve the right to make technical alterations without prior notice.

3 and 4-Pin Field Wireable Connectors, Standard

- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
BS 513(4)2-0 B 523(4)1-0 BS 5241-0		BS 5132-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 26 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin female snap-lock cordsets, receptacles and junction boxes and threaded cordsets	Male
		BS 5142-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 26 AWG conductors, 85 °C, 60 VAC/75 VDC, 2 A, mates with 3-pin female snap-lock cordsets, receptacles and junction boxes and threaded cordsets	Male
	B 5231-0	BS 5231-0	PBT, Black, Accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded cordsets and receptacles	Female Male
	B 5241-0	BS 5241-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	Female Male

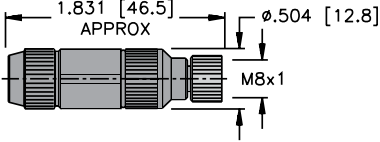
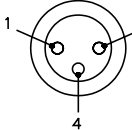
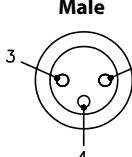
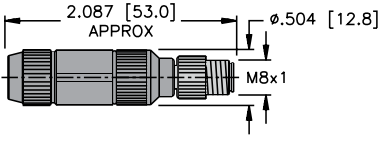
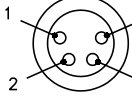
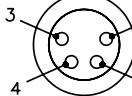
Field Wireables

We reserve the right to make technical alterations without prior notice.

3 and 4-Pin Field Wireable Connectors, IDC

- Insulation Displacement Technology
- No Conductor Stripping Required
- IEC IP67 Protection



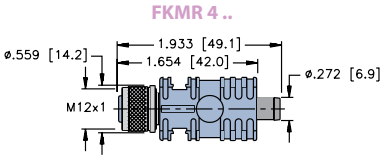
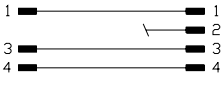
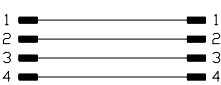
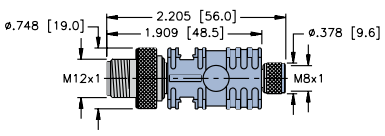
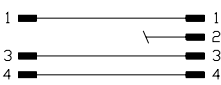
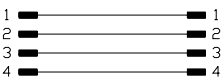
Housing Style	Female Part Number		Features	Pinout
B 513(4)6-0 	B 5136-0	BS 5136-0	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts 22-26 AWG conductors, 85 °C, 32 V, 4 A, mates with 3-pin threaded cordsets and receptacles	Female  Male 
BS 513(4)6-0 	B 5146-0	BS 5146-0	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts 22-26 AWG conductors, 85 °C, 32 V, 4 A, mates with 4-pin threaded cordsets and receptacles	Female  Male 

We reserve the right to make technical alterations without prior notice.

M8 Picofast to M12 Eurofast® Adapters

- Enables Picofast and Eurofast Connectors to be interchanged
- Eurofast Connection has Anti-vibration Coupling Nut
- IEC IP67 Protection



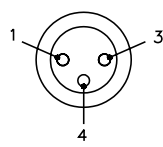
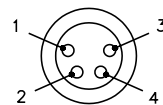
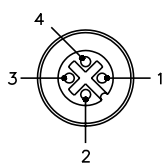
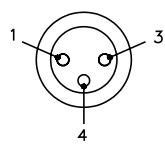
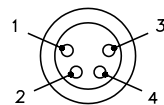
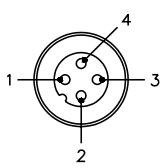
Housing Style	Part Number	Features	Wiring Diagram
	FKMR 4-ESM 3S	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 3-pin	
	FKMR 4.4-ESM 4S	TPU body, 30 VAC/36 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 4-pin	
	FSMR 4-SKM 3	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, male Eurofast, female threaded Picofast connector, 3-pin	
	FSMR 4.4-SKM 4	TPU body, 30 VAC/36 VDC, 4 A, 80 °C, male Eurofast, female threaded Picofast connector, 4-pin	

Add "/S857" to the end of part description to specify addition of mounting hole.

We reserve the right to make technical alterations without prior notice.

Field Wireables

Pinouts

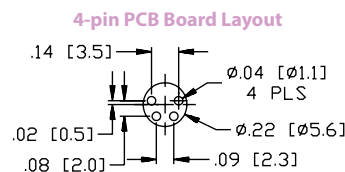
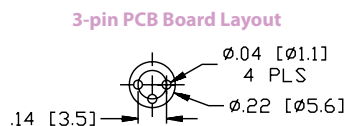
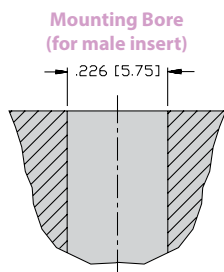
3-Pin Picofast	4-Pin Picofast	4-Pin Eurofast	3-Pin Picofast	4-Pin Picofast	4-Pin Eurofast
Female			Male		
					

- For use in Sensors and Custom Receptacles
- Clear Body versions for use with Indicator LEDs
- Solder Lug or Printed Circuit Pin mounting options



Housing Style	Female Part Number	Features	Pinout
ESM .. .476 [12.1] .280 [7.1] .228 [5.8] Ø .272 [6.9] .069 [1.75] ESHM .. .650 [16.5] .551 [14.0] .354 [9.0] Ø.228 [5.8] Ø.274 [6.95]	ESM 3S (10/BAG)	Nylon, black, solder cup, accepts 26 AWG, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock	Male
	ESM 4S (10/BAG)	Nylon, black, solder cup, accepts 28 AWG, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock	Male
	ESM 6S (10/BAG)	Nylon, black, solder cup, accepts 26 AWG, 24 VDC, 1 A, 80 °C, 6-pin snap lock	Male
	ESHM 3L (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 26 AWG, 30 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock clear body for LED	Male
	ESHM 4L (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 26 AWG, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock clear body for LED	Male
	ESHM 3P (10/BAG)	Nickel plated brass and nylon housing, PCB pin, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock clear body for LED	Male
	ESHM 4P (10/BAG)	Nickel plated brass and nylon housing, PCB pin, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock clear body for LED	Male

We reserve the right to make technical alterations without prior notice.



Connector Inserts

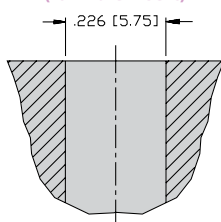
- For use in Sensors and Custom Receptacles
- Clear Body versions for use with Indicator LEDs
- Solder Lug or Printed Circuit Pin mounting options



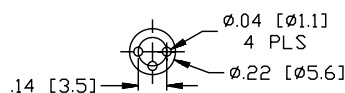
Housing Style	Male Part Number	Features	Pinout
	SESM 3S (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 26 AWG, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock or threaded	Male
	SESM 4S (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 28 AWG, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock or threaded	Male
	ESGM 3L (10/BAG)	Nickel plated brass housing with clear nylon lens, solder cup, accepts 26 AWG, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock or threaded, clear lens for LED	Male
	ESGM 4L (10/BAG)	Nickel plated brass housing with clear nylon lens, solder cup, accepts 26 AWG, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock or threaded, clear lens for LED	Male
	ESGM 3P (10/BAG)	Nickel plated brass housing with clear nylon lens, PCB pin, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock or threaded, clear lens for LED	Male
	ESGM 4P (10/BAG)	Nickel plated brass housing with clear nylon lens, PCB pin, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock or threaded, clear lens for LED	Male

Accessories

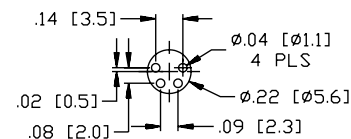
We reserve the right to make technical alterations without prior notice.

Mounting Bore
(for male insert)


3-pin PCB Board Layout

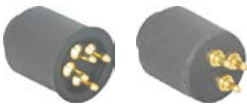


4-pin PCB Board Layout



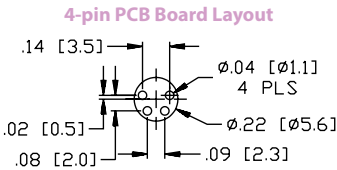
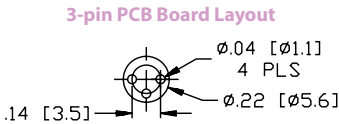
Connector Inserts

- For use in Sensors and Custom Receptacles
- Clear Body versions for use with Indicator LEDs
- Female Inserts
- Solder Lug or Printed Circuit Pin mounting options



Housing Style	Female Part Number	Features	Pinout
	MFK 3 (10/BAG)	TPU housing, black, PCB pins, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock	Female
	MFK 4 (10/BAG)	TPU housing, black, PCB pins, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock	
	MFKB 3 (10/BAG)	TPU housing, black, PCB pins, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock	Female
	MFKB 4 (10/BAG)	TPU housing, black, PCB pins, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock	
	MFKB 3L (10/BAG)	TPU housing, black, solder cups, 60 VAC/75 VDC 4 A, 80 °C, 3-pin snap lock, accepts 24 AWG	
	MFKB 4L (10/BAG)	TPU housing, black, solder cups, 30 VAC/36 VDC 4 A, 80 °C, 4-pin snap lock, accepts 24 AWG	

We reserve the right to make technical alterations without prior notice.



Closure Caps

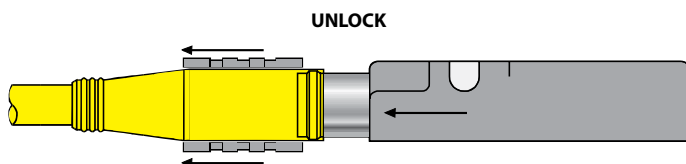
- For use with Cordsets, Receptacles and Junction Boxes



Housing Style	Part Number	Features
	PSGK-MC (8/BAG)	Nylon, Mates to female snap lock cordsets, receptacles and junction boxes
	PSGM-CC (8/BAG)	Nylon, Mates to female threaded cordsets, receptacles and junction boxes
	PSG-CC	Nickel plated brass, Mates to female threaded cordsets, receptacles and junction boxes
	PSG-MC	Nickel plated brass, Mates to female threaded cordsets, receptacles and junction boxes
	PKG-CC	Nickel plated brass, Mates to male threaded cordsets, receptacles and junction boxes
	PKG-MC	Nickel plated brass, Mates to male threaded cordsets, receptacles and junction boxes

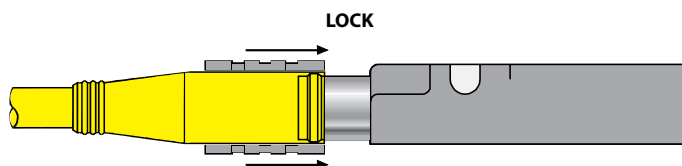
We reserve the right to make technical alterations without prior notice.

M8 Picofast "Snap Lock" Connector Instructions



With Turck's patented Locking Sleeve pulled back, any Picofast sensor slides on without any difficulty.

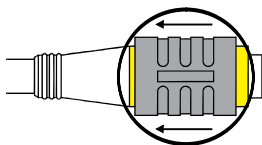
After sensor is connected, push Locking Sleeve forward to create a watertight connection. It's a snap!



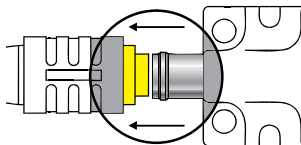
Installation Instructions

To Attach:

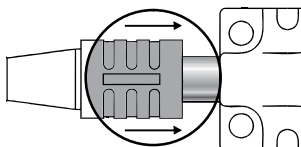
1. Be sure black locking sleeve is pulled back.



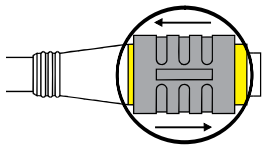
2. Line up pins and push connector onto plug. You will feel a "snap." Do not twist.



3. Push locking sleeve forward on connector until it is flush with the front of the connector.

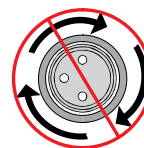


4. If sleeve is difficult to slide on a new connector, "exercise" it a few times. Do not use tools.

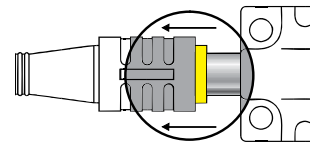


To Detach:

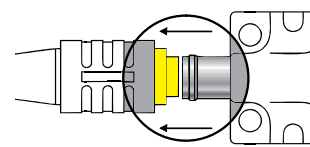
1. Do not twist.



2. Pull locking sleeve back to "unlocked" position.



3. Pull connector straight off.



4. Leave locking sleeve in unlocked position.

