

<b>Part Number Keys</b>	<b>C2</b>
<b>Cordsets</b>	<b>C4</b>
<b>Receptacles</b>	<b>C16</b>
<b>Field Wireables</b>	<b>C24</b>
<b>Inserts</b>	<b>C28</b>
<b>Closure Caps</b>	<b>C31</b>

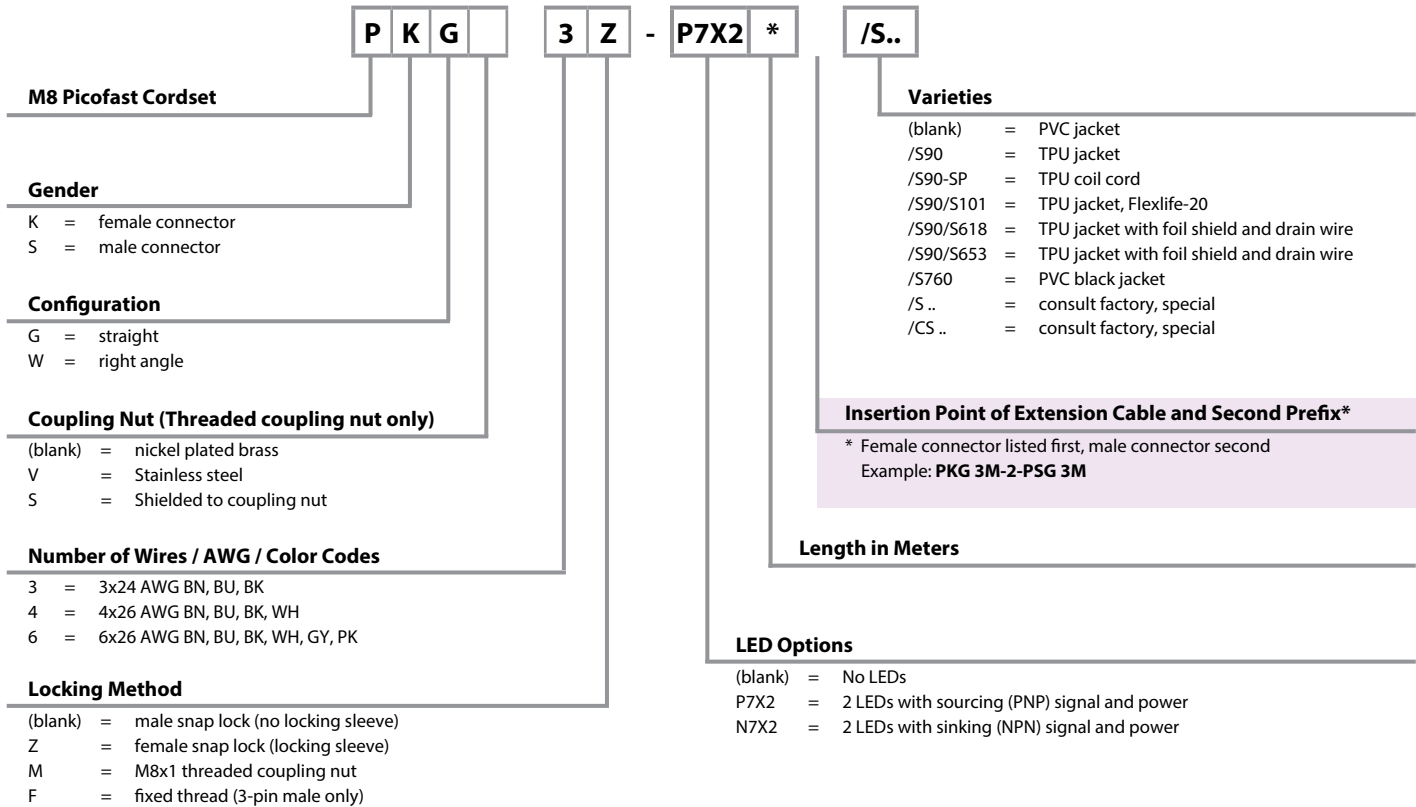
**Features**

- 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.

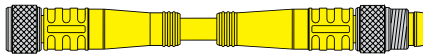


### Extension Examples:

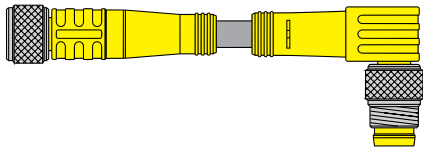
Hybrid connector extensions also available. Consult factory.

### Extension Examples:

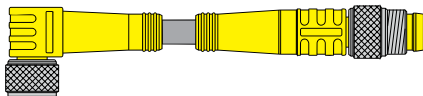
Hybrid connector extensions also available. Consult factory.



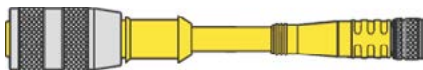
PKG 3M - 2 - PSG 3M



PKG 3M - 2 - PSW 3M



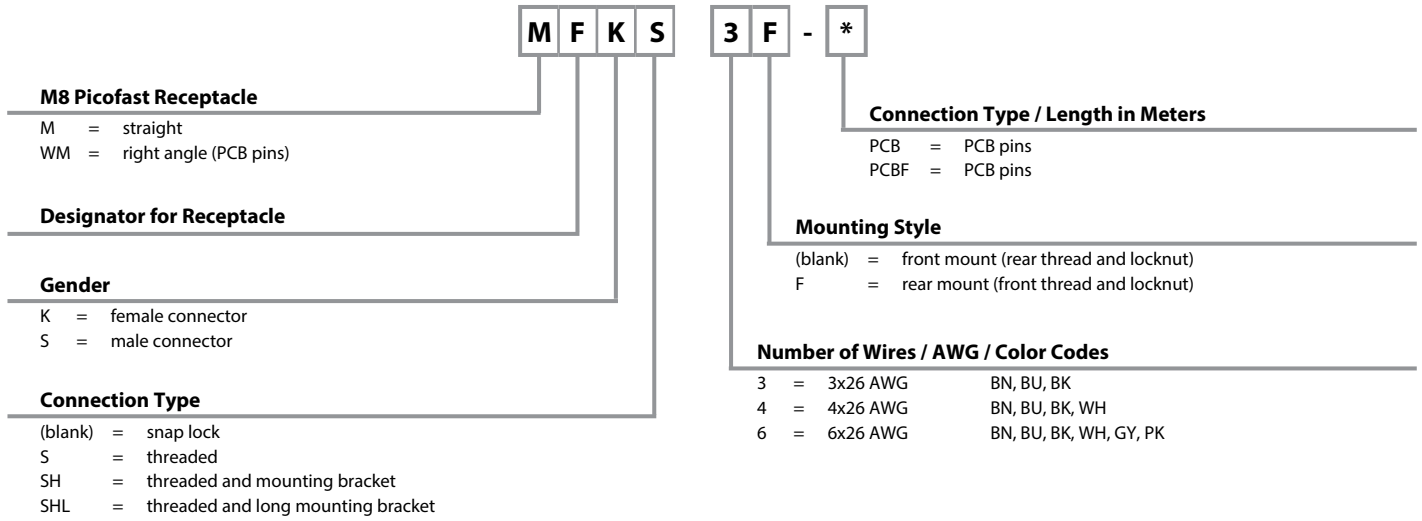
PKW 3M - 2 - PSG 3M



RK 4.4 T - 2 - PKG 4M

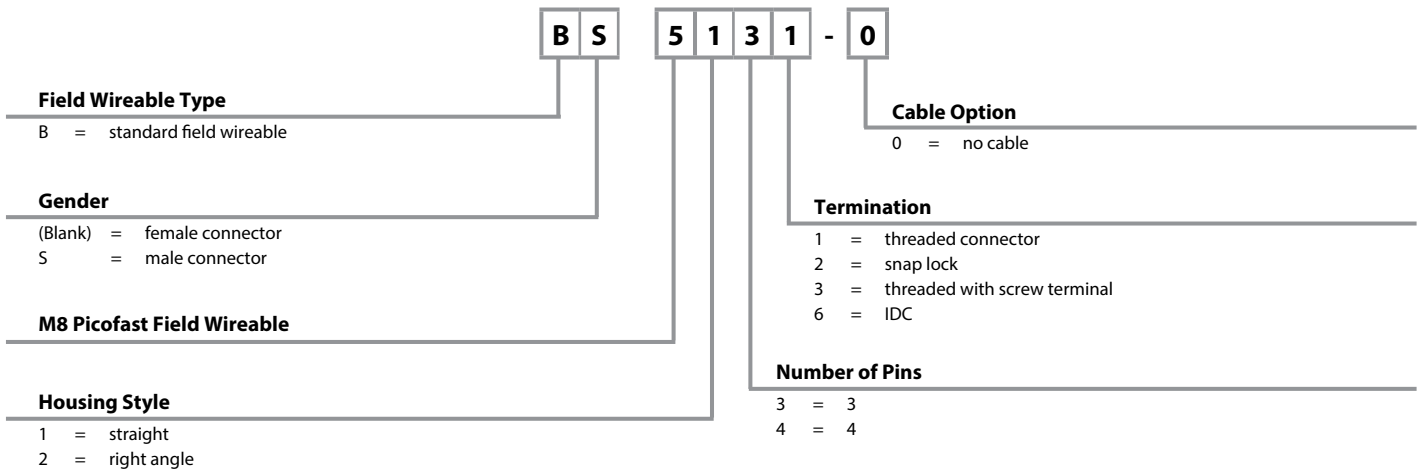
Receptacle Part Number Key

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



picofast®

Field Wireable Part Number Key



## 3-Wire Cordsets, Snap Lock (Locking Sleeve)

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



Connector Style	Female Part Number	Male Part Number	Features	Pinout
<p><b>PKG ..Z**</b></p>	<b>PKG 3Z-*</b> <b>PKW 3Z-*</b>	<b>PSG 3-*</b> <b>PSW 3-*</b>	AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Flexlife®	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>PKW ..Z**</b></p>	<b>PKG 3Z-*/S90</b> <b>PKW 3Z-*/S90</b>	<b>PSG 3-*/S90</b> <b>PSW 3-*/S90</b>	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, Cut/Abrasion Immune	
<p><b>PSG ..</b></p>	<b>PKG 3Z-*/S90/S101</b> <b>PKW 3Z-*/S90/S101</b>	<b>PSG 3-*/S90/S101</b> <b>PSW 3-*/S90/S101</b>	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	
<p><b>PSW ..</b></p>	<b>PKG 3Z-*/S90/S618</b> <b>PKW 3Z-*/S90/S618</b>	<b>PSG 3-*/S90/S618</b> <b>PSW 3-*/S90/S618</b>	AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, Cut/Abrasion Immune, EMI/RFI Protection	
	<b>PKG 3Z-*/S760</b> <b>PKW 3Z-*/S760</b>	<b>PSG 3-*/S760</b> <b>PSW 3-*/S760</b>	AWM, PVC Black, 3x24 AWG, 105 °C, 4.2 mm OD, Cable #RF50585-M, Flexlife	

\* 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



Cordsets

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

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

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

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

## 6-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
<p>PKG ..Z**</p> <p>1.260 [32.0]</p> <p>0.404 [10.2]</p> <p>LOCKING SLEEVE</p>	<p><b>PKG 6Z-*</b> <b>PKW 6Z-*</b></p>	<p><b>PSG 6-*</b> <b>PSW 6-*</b></p>	<p>AWM, PVC Yellow, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF50734-*M, Flexlife®, UL Listed</p>	<p><b>Female</b></p> <p>1. BN 2. WH 3. BU 4. BK 5. GY 6. PK</p> <p><b>Male</b></p>
<p>PKW ..Z**</p> <p>LOCKING SLEEVE</p> <p>0.665 [16.9]</p> <p>1.140 [29.0]</p>	<p><b>PKG 6Z-*/S90</b> <b>PKW 6Z-*/S90</b></p>	<p><b>PSG 6-*/S90</b> <b>PSW 6-*/S90</b></p>	<p>AWM, TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50735-*M, Cut/Abrasion Immune</p>	
<p>PSG ..</p> <p>1.228 [31.2]</p> <p>0.331 [8.4]</p>	<p><b>PKG 6Z-*/S90/S618</b> <b>PKW 6Z-*/S90/S618</b></p>	<p><b>PSG 6-*/S90/S618</b> <b>PSW 6-*/S90/S618</b></p>	<p>AWM, TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF51144-M, Cut/Abrasion Immune EMI/RFI Protection</p>	
<p>PSW ..</p> <p>1.089 [27.6]</p> <p>0.720 [18.3]</p> <p>0.327 [8.3]</p>	<p><b>PKG 6Z-*/S760</b> <b>PKW 6Z-*/S760</b></p>	<p><b>PSG 6-*/S760</b> <b>PSW 6-*/S760</b></p>	<p>AWM, PVC Black, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF51083-*M, Flexlife®, UL Listed</p>	

\* 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
<p><b>PKG ..Z**</b></p>	<p><b>PKG 3M-*</b> <b>PKW 3M-*</b></p>	<p><b>PSG 3M-*</b> <b>PSW 3M-*</b></p>	<p>AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Flexlife®</p>	<p><b>Female</b></p> <p>1. BN 3. BU 4. BK</p>
<p><b>PKG 3M-*/S90</b> <b>PKW 3M-*/S90</b></p>	<p><b>PSG 3M-*/S90</b> <b>PSW 3M-*/S90</b></p>	<p>AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, Cut/Abrasion Immune</p>		
<p><b>PKG 3M-*/S90/S101</b> <b>PKW 3M-*/S90/S101</b></p>	<p><b>PSG 3M-*/S90/S101</b> <b>PSW 3M-*/S90/S101</b></p>	<p>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</p>		
<p><b>PKG 3M-*/S90/S618</b> <b>PKW 3M-*/S90/S618</b></p>	<p><b>PSG 3M-*/S90/S618</b> <b>PSW 3M-*/S90/S618</b></p>	<p>AWM, TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, Cut/Abrasion Immune, EMI/RFI Protection</p>	<p><b>Male</b></p> <p>1. BN 3. BU 4. Drain</p>	
<p><b>PKG 3M-*/S1587</b> <b>PKW 3M-*/S1587</b></p>	<p><b>PSG 3M-*/S1587</b> <b>PSW 3M-*/S1587</b></p>	<p>AWM, TPE Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF51271-*M, Weldlife®, Weld Flash Immune</p>		
<p><b>PKG 3M-*/S760</b> <b>PKW 3M-*/S760</b></p>	<p><b>PSG 3M-*/S760</b> <b>PSW 3M-*/S760</b></p>	<p>AWM, PVC Black, 3x24 AWG, 4.2 mm OD, Cable #RF50585-M, Flexlife</p>		
<p><b>PKG 3M-*/S90/S1084</b> <b>PKW 3M-*/S90/S1084</b></p>	<p><b>PSG 3M-*/S90/S1084</b> <b>PSW 3M-*/S90/S1084</b></p>	<p>AWM, TPU Black, 2x24 AWG, 90 °C, 4.2 mm OD, Cable #RF51197-*M, Cut/Abrasion Immune, Shielded</p>	<p>1. BN 3. BU 4. BK</p>	
<p><b>PKG 3F-*</b></p>	<p><b>PSG 3F-*</b></p>	<p>AWM, PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, Fixed coupling nut</p>		

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

\* 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

## 4-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
<p><b>PKG ..M**</b></p>	<b>PKG 4M-*</b> <b>PKW 4M-*</b>	<b>PSG 4M-*</b> <b>PSW 4M-*</b>	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, Flexlife®	<p><b>Female</b></p> <p>1. BN 2. WH 3. BU 4. BK</p> <p><b>Male</b></p> <p>1. BN 2. Drain 3. BU 4. BK</p>
<p><b>PKW ..M**</b></p>	<b>PKG 4M-*/S90</b> <b>PKW 4M-*/S90</b>	<b>PSG 4M-*/S90</b> <b>PSW 4M-*/S90</b>	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, Cut/Abrasion Immune	
<p><b>PKG ..M**</b></p>	<b>PKG 4M-*/S90/S101</b> <b>PKW 4M-*/S90/S101</b>	<b>PSG 4M-*/S90/S101</b> <b>PSW 4M-*/S90/S101</b>	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	
<p><b>PSG ..M**</b></p>	<b>PKG 4M-*/S90/S618</b> <b>PKW 4M-*/S90/S618</b>	<b>PSG 4M-*/S90/S618</b> <b>PSW 4M-*/S90/S618</b>	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50602-*M, Cut/Abrasion Immune, EMI/RFI Protection	
<p><b>PSW ..M**</b></p>	<b>PKG 4M-*/S760</b> <b>PKW 4M-*/S760</b>	<b>PSG 4M-*/S760</b> <b>PSW 4M-*/S760</b>	AWM PVC Black, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50870-*M, Flexlife	
<p><b>PKG ..M**</b></p>	<b>PKG 4M-*/S90/S653</b> <b>PKW 4M-*/S90/S653</b>	<b>PSG 4M-*/S90/S653</b> <b>PSW 4M-*/S90/S653</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*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.

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
<p><b>PKG ..M**</b></p>	<p><b>PKG 6M-*</b> <b>PKW 6M-*</b></p>	<p><b>PSG 6M-*</b> <b>PSW 6M-*</b></p>	<p>AWM PVC Yellow, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF50734-*M, Flexlife®, UL Listed</p>	<p><b>Female</b></p> <p>1. BN 2. WH 3. BU 4. BK 5. GY 6. PK</p> <p><b>Male</b></p>
<p><b>PKW ..M**</b></p>	<p><b>PKG 6M-*/S90</b> <b>PKW 6M-*/S90</b></p>	<p><b>PSG 6M-*/S90</b> <b>PSW 6M-*/S90</b></p>	<p>AWM TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50735-*M, Cut/Abrasion Immune</p>	
<p><b>PSG ..M**</b></p>	<p><b>PKG 6M-*/S760</b> <b>PKW 6M-*/S760</b></p>	<p><b>PSG 6M-*/S760</b> <b>PSW 6M-*/S760</b></p>	<p>AWM PVC Black, 6x26 AWG, 105 °C, 4.5 mm OD, Cable #RF51083-*M, Flexlife, UL Listed</p>	
<p><b>PSW ..M**</b></p>	<p><b>PKG 6M-*/S90/S618</b> <b>PKW 6M-*/S90/S618</b></p>	<p><b>PSG 6M-*/S90/S618</b> <b>PSW 6M-*/S90/S618</b></p>	<p>AWM TPU Black, 6x26 AWG, 90 °C, 4.2 mm OD, Cable #RF51144-*M, Cut/ Abrasion Immune EMI/RFI Protection</p>	

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

\* 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.

## 3 and 4-Wire Cordsets, Threaded Coupling Nut, Shielded

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

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

\* 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.

## 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
	<b>PKW 3Z-P7X2-*</b>	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, PNP Signal, Flexlife®	<b>Female</b>  1. BN 3. BU 4. BK
	<b>PKW 3Z-P7X2-*/S90</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, PNP Signal, Cut/Abrasion Immune	
	<b>PKW 3Z-P7X2-*/S90/S618</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection	
	<b>PKW 3Z-P7X2-*/S90/S101</b>	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	<b>Male</b>  1. BN 2. WH 3. BU 4. BK
	<b>PKW 3Z-N7X2-*</b>	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642-*M, NPN Signal, Flexlife	
	<b>PKW 3Z-N7X2-*/S90</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587-*M, NPN Signal, Cut/Abrasion Immune	
	<b>PKW 3Z-N7X2-*/S90/S618</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601-*M, NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection	1. BN 2. WH 3. BU 4. BK
	<b>PKW 3Z-N7X2-*/S90/S101</b>	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	
	<b>PKW 4Z-P7X2-*</b>	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, PNP Signal, Flexlife	
<b>PKW 4Z-P7X2-*/S90</b>	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, PNP Signal, Cut/Abrasion Immune	1. BN 2. WH 3. BU 4. BK	
<b>PKW 4Z-P7X2-*/S90/S101</b>	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		

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

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

Cordsets

## 3 and 4-Wire Cordsets, Threaded Coupling Nut, Shielded

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



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	<b>PKW 3M-P7X2-*</b>	<b>PSW 3M-P7X2-*</b>	AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642- <i>*M</i> , PNP Signal, Flexlife®	<p style="text-align: center;"><b>Female</b></p>
	<b>PKW 3M-P7X2-*/S90</b>	<b>PSW 3M-P7X2-*/S90</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587- <i>*M</i> , PNP Signal, Cut/Abrasion Immune	
	<b>PKW 3M-P7X2-*/S90/S101</b>	<b>PSW 3M-P7X2-*/S90/S101</b>	AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166- <i>*M</i> , PNP Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	<b>PKW 3M-P7X2-*/S90/S618</b>		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601- <i>*M</i> , PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection	
	<b>PKW 3M-N7X2-*</b>		AWM PVC Yellow, 3x24 AWG, 105 °C, 4.4 mm OD, Cable #RF50642- <i>*M</i> , NPN Signal, Flexlife	
	<b>PKW 3M-N7X2-*/S90</b>		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50587- <i>*M</i> , NPN Signal, Cut/Abrasion Immune	
	<b>PKW 3M-N7X2-*/S90/S101</b>		AWM TPU Black, 3x24 AWG, 90 °C, 4.4 mm OD, Cable #RF51166- <i>*M</i> , NPN Signal, Cut/Abrasion Immune, Flexlife-20, High Flex - over 20 Million Cycles	
	<b>PKW 3M-N7X2-*/S90/S618</b>		AWM TPU Black, 3x24 AWG, 90 °C, 4.2 mm OD, Cable #RF50601- <i>*M</i> , NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection	

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

\* 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.

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
	<b>PKW 4M-P7X2-*</b>	AWM PVC Yellow, 4x26 AWG, 105 °C, 4.4 mm OD, Cable #RF50697-*M, PNP Signal, Flexlife®	<p><b>Female</b></p> <p>1. BN 2. WH 3. BU 4. BK</p>
	<b>PKW 4M-P7X2-*/S90</b>	AWM TPU Black, 4x26 AWG, 90 °C, 4.2 mm OD, Cable #RF50586-*M, PNP Signal, Cut/Abrasion Immune	
	<b>PKW 4M-P7X2-*/S90/S101</b>	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	
	<b>PKW 4M-P7X2-*/S90/S618</b>	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

## 3 and 4-Wire Spiral Cordsets, Snap Lock (Locking Sleeve)

- 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
<p><b>PKG ..Z**</b></p>	<p><b>PKG 3Z-3/S90-SP</b> <b>PKW 3Z-3/S90-SP</b></p>	<p><b>PSG 3-3/S90-SP</b> <b>PSW 3-3/S90-SP</b></p>	<p>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</p>	<p><b>Female</b></p>
<p><b>PKW ..Z**</b></p>				<p><b>Male</b></p>
<p><b>PSG ..</b></p>	<p><b>PKG 4Z-3/S90-SP</b> <b>PKW 4Z-3/S90-SP</b></p>	<p><b>PSG 4-3/S90-SP</b> <b>PSW 4-3/S90-SP</b></p>	<p>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</p>	<p><b>Female</b></p>
<p><b>PSW ..</b></p>				<p><b>Male</b></p>

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
<p><b>PKG ..Z**</b></p>	<b>PKG 3M-3/S90-SP</b> <b>PKW 3M-3/S90-SP</b>	<b>PSG 3M-3/S90-SP</b> <b>PSW 3M-3/S90-SP</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>PKW ..Z**</b></p>				
<p><b>PSG ..</b></p>	<b>PKG 4M-3/S90-SP</b> <b>PKW 4M-3/S90-SP</b>	<b>PSG 4M-3/S90-SP</b> <b>PSW 4M-3/S90-SP</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>PSW ..</b></p>				

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

Cordsets

\* Length in meters. Standard cable length is 3 meters. Consult factory for other lengths.  
 \*\* Locking sleeve material is POM.. "PKW..Z".

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

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



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

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

\* 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.

Receptacles

## 3, 4 and 6-Wire Receptacles, Rear Mount

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



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

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

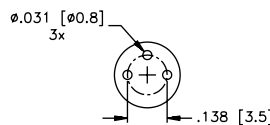


Housing Style	Female Part Number	Features	Pinout
<p><b>MFKS .. F-PCBF</b></p>	<b>MFKS 3F-PCBF</b>	PCB Pins, 85 °C, 60 V, 4 A, mates with 3-pin threaded male cordsets	<p><b>Female</b></p>
	<b>MFKS 4F-PCBF</b>	PCB Pins, 85 °C, 30 V, 4 A, mates with 4-pin threaded male cordsets	<p><b>Female</b></p>
<p>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

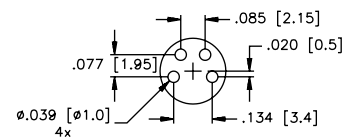
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass.

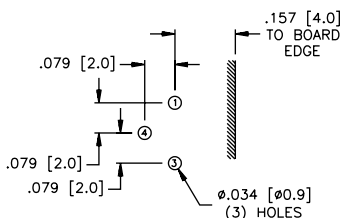
**MFKS 3F-PCBF**



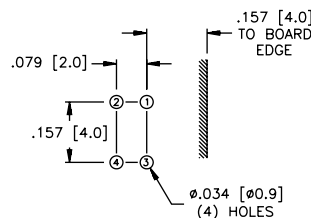
**MFKS 4F-PCBF**



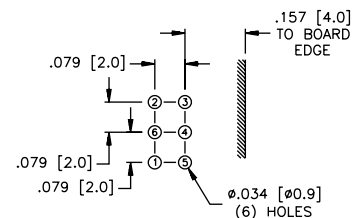
**WMFK 3F-PCB**



**WMFK 4F-PCB**



**WMFK 6F-PCB**



## 3, 4 and 6-Pin Receptacles with PCB Pins

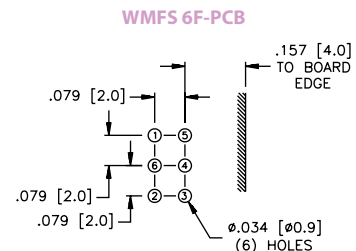
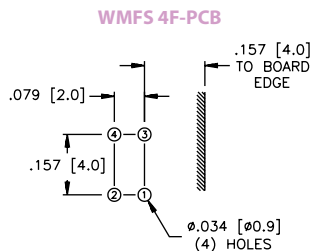
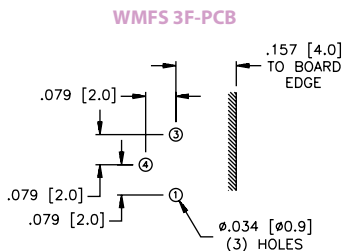
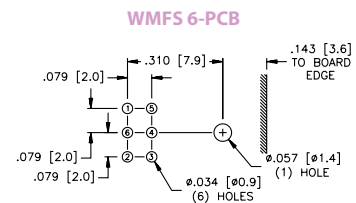
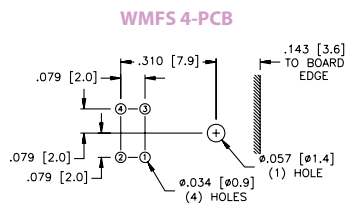
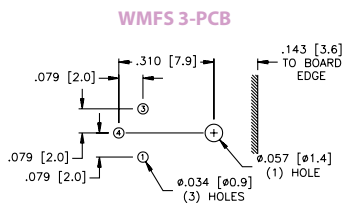
- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



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

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

Standard housing material is nickel plated brass.



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

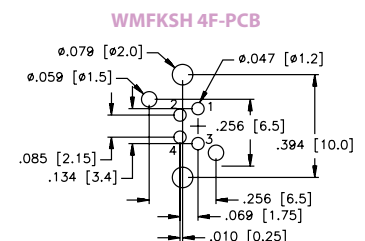
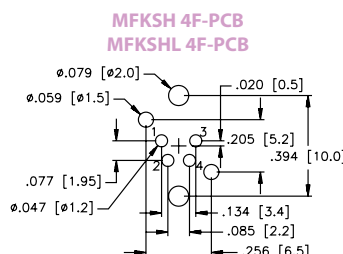
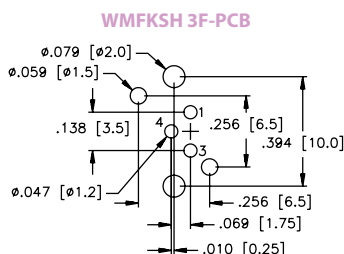
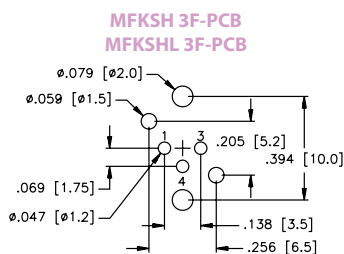
- IEC IP67 Protection



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

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

Standard housing material is nickel plated brass.



## 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
	<b>MFKS 3F</b>	Solder Cups, accepts up to 22 AWG conductors, 80 °C, 125 V, 4 A, mates with 3-pin threaded male cordsets	<p><b>Female</b></p>
	<b>MFKS 4F</b>	Solder Cups, accepts up to 22 AWG conductors, 80 °C, 125 V, 2 A, mates with 4-pin threaded male cordsets	<p><b>Female</b></p>
	<b>MFKS 6F</b>	Solder Cups, accepts up to 24 AWG conductors, 80 °C, 125 V, 2 A, mates with 6-pin threaded male cordsets	<p><b>Female</b></p>

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
<p>MFSV MFKV ..</p>	MFSV MFKV 3/M8	3-conductor, 80 °C, 125 V, 4 A, mates with 3-pin threaded cordsets	<p><b>Female</b></p> <p><b>Male</b></p>
<p>MFSV MFKV ..</p>	MFSV MFKV 4/M8	4-conductor, 80 °C, 125 V, 2 A, mates with 4-pin threaded cordsets	<p><b>Female</b></p> <p><b>Male</b></p>
<p>MFSV MFKV ..</p>	MFSV MFKV 6/M8	6-conductor, 80 °C, 125 V, 2 A, mates with 6-pin threaded cordsets	<p><b>Female</b></p> <p><b>Male</b></p>

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
<p><b>B 513(4)1-0</b></p>	<b>B 5131-0</b>	<b>BS 5131-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>BS 513(4)1-0</b></p>	<b>B 5141-0</b>	<b>BS 5141-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>B 513(4)3-0</b></p>	<b>B 5133-0</b>	<b>BS 5133-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>BS 513(4)3-0</b></p>	<b>B 5143-0</b>	<b>BS 5143-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>

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
<p><b>BS 513(4)2-0</b></p>		<b>BS 5132-0</b>	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	<p><b>Male</b></p>
		<b>BS 5142-0</b>	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	<p><b>Male</b></p>
<p><b>B 523(4)1-0</b></p>	<b>B 5231-0</b>	<b>BS 5231-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>BS 523(4)1-0</b></p>	<b>B 5241-0</b>	<b>BS 5241-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>

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

Field Wireables

## 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
<p><b>B 513(4)6-0</b></p>	<b>B 5136-0</b>	<b>BS 5136-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>
<p><b>BS 513(4)6-0</b></p>	<b>B 5146-0</b>	<b>BS 5146-0</b>	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	<p><b>Female</b></p> <p><b>Male</b></p>

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
<p><b>FKMR 4 ..</b></p>	<b>FKMR 4-ESM 3S</b>	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 3-pin	
	<b>FKMR 4.4-ESM 4S</b>	TPU body, 30 VAC/36 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 4-pin	
<p><b>FSMR 4 ..</b></p>	<b>FSMR 4-SKM 3</b>	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, male Eurofast, female threaded Picofast connector, 3-pin	
	<b>FSMR 4.4-SKM 4</b>	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		

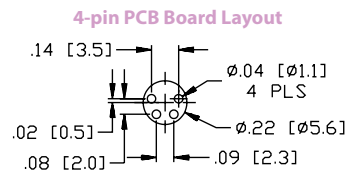
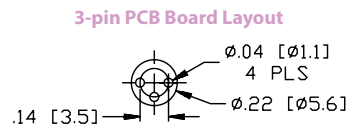
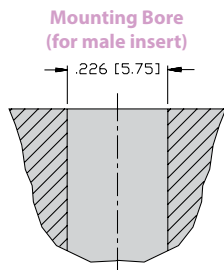
## Connector Inserts

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

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



Connector Inserts

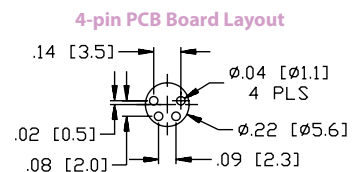
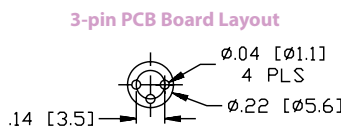
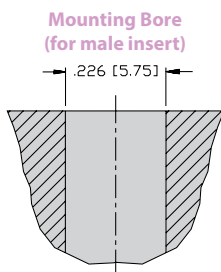
- For use in Sensors and Custom Receptacles
- Clear Body versions for use with Indicator LEDs
- Solder Lug or Printed Circuit Pin mounting options



Housing Style	Male Part Number	Features	Pinout
<p><b>SESM ..</b></p> <p>Dimensions: <math>\phi.216</math> [5.5], .476 [12.1], .346 [8.8], <math>\phi.335</math> [8.5], <math>\phi.274</math> [6.95] M8x1, .069 [1.75], .228 [5.8]</p> <p><b>ESGM ..</b></p> <p>Dimensions: .650 [16.5], .551 [14.0], .354 [9.0], <math>\phi.228</math> [5.8], <math>\phi.274</math> [6.95]</p>	<b>SESM 3S (10/BAG)</b>	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	<p>Male</p>
	<b>SESM 4S (10/BAG)</b>	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	<p>Male</p>
	<b>ESGM 3L (10/BAG)</b>	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	<p>Male</p>
	<b>ESGM 4L (10/BAG)</b>	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	<p>Male</p>
	<b>ESGM 3P (10/BAG)</b>	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	<p>Male</p>
	<b>ESGM 4P (10/BAG)</b>	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	<p>Male</p>

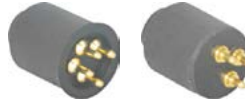
We reserve the right to make technical alterations without prior notice.

Accessories



## Connector Inserts

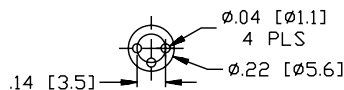
- For use in Sensors and Custom Receptacles
- Clear Body versions for use with Indicator LEDs
- Female Inserts
- Solder Lug or Printed Circuit Pin mounting options



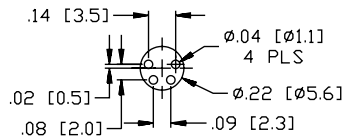
Housing Style	Female Part Number	Features	Pinout
<p><b>MFK ..</b></p> <p>.547 [13.91] .455 [11.51] .335 [8.51] ø.224 [5.71] ø.327 [8.31]</p> <p><b>MFKB ..</b></p> <p>ø.220 [5.61] ø.327 [8.31] .378 [9.61] .071 [1.81] .547 [13.91]</p>	<b>MFK 3 (10/BAG)</b>	TPU housing, black, PCB pins, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock	<p><b>Female</b></p>
	<b>MFK 4 (10/BAG)</b>	TPU housing, black, PCB pins, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock	
	<b>MFKB 3 (10/BAG)</b>	TPU housing, black, PCB pins, 60 VAC/75 VDC, 4 A, 80 °C, 3-pin snap lock	<p><b>Female</b></p>
	<b>MFKB 4 (10/BAG)</b>	TPU housing, black, PCB pins, 30 VAC/36 VDC, 4 A, 80 °C, 4-pin snap lock	
	<b>MFKB 3L (10/BAG)</b>	TPU housing, black, solder cups, 60 VAC/75 VDC 4 A, 80 °C, 3-pin snap lock, accepts 24 AWG	
	<b>MFKB 4L (10/BAG)</b>	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.

3-pin PCB Board Layout



4-pin PCB Board Layout



Closure Caps

- For use with Cordsets, Receptacles and Junction Boxes

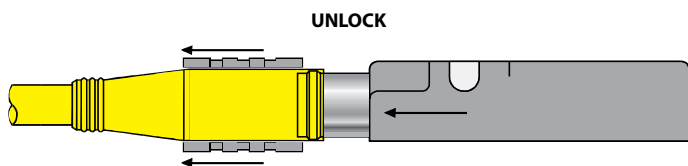


We reserve the right to make technical alterations without prior notice.

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

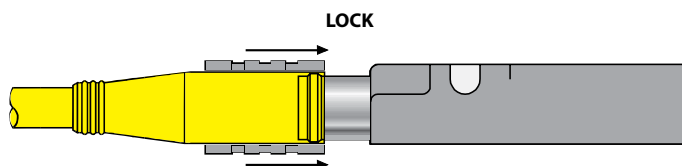
Accessories

**M8 Picofast "Snap Lock" Connector Instructions**



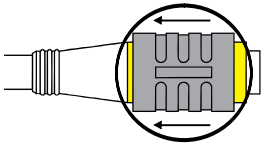
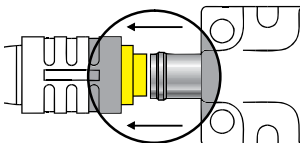
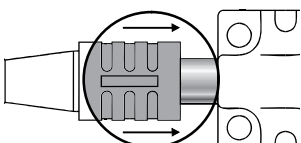
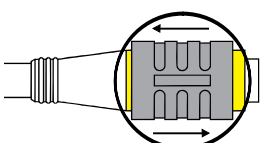
With Turck's patented Locking Sleeve pulled back, any Picofast sensor slides on without any difficulty.

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


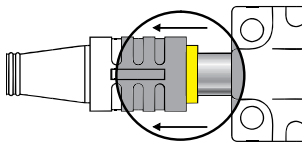
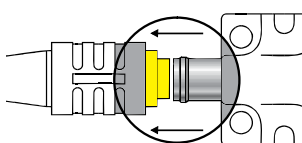


**Installation Instructions**

**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. 