ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Turck PKG 3M-0.2-PSG 3M/CS11354 (U-16285)* at our website: *Click HERE*

Part Number Keys	**C2**
Cordsets	**C4**
Receptacles	**C16**
Field Wireables	**C24**
Inserts	**C29**
Closure Caps	**C32**

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

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Cordset Part Number Key

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

P	K	G		3	Z	-	P7X2	*	/S..

M8 *picofast* Cordset

Gender

K = female connector
S = male connector

Configuration

G =straight
W = right angle

Coupling Nut (Threaded coupling nut only)

(blank) = nickel plated brass
V = Stainless steel
S = Shielded to coupling nut

Number of Wires / AWG / Color Code

3 = 3x24 AWG BN, BU, BK
4 = 4x26 AWG BN, BU, BK, WH
6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Locking Method

(blank) = male snap lock (no locking sleeve)
Z = female snap lock (locking sleeve)
M = M8x1 threaded coupling nut
F = fixed thread (3-pin male only)

LED Options

(blank) = No LEDs
P7X2 = 2 LEDs with sourcing (PNP) signal and power
N7X2 = 2 LEDs with sinking (NPN) signal and power

Length in Meters

Varieties

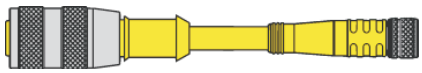
(blank) = PVC jacket
/S90 = TPU jacket
/S90-SP = TPU coil cord
/S90/S101 = TPU jacket, ***flexlife®-20***
/S90/S618 = TPU jacket with foil shield and drain wire
/S90/S653 = TPU jacket with foil shield and drain wire
/S760 = PVC black jacket
/S .. = consult factory, special
/CS .. = consult factory, special
/XOR = irradiated PVC jacket

Insertion Point of Extension Cable and 2nd Prefix*

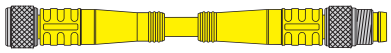
* Female connector listed 1st, male connector 2nd
Example: **PKG 3M-2-PSG 3M**

Extension Examples:

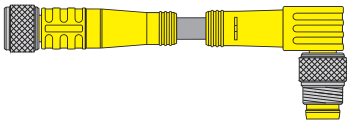
Hybrid connector extensions also available. Consult factory.



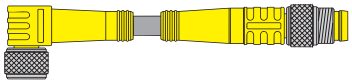
R	K	4.4	T	-	2	-	P	K	G	4	M



P	K	G	3	M	-	2	-	P	S	G	3	M



P	K	G	3	M	-	2	-	P	S	W	3	M



P	K	W	3	M	-	2	-	P	S	G	3	M

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

Receptacle Part Number Key

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

M F K S 3 F - *

M8 *picofast* Receptacle

M = straight
WM = right angle (PCB pins)

Designator for Receptacle

Gender

K = female connector
S = male connector

Connection Type

(blank) = snap lock
S = threaded
SH = threaded and mounting bracket
SHL = threaded and long mounting bracket

Number of Wires / AWG / Color Code

3 = 3x24 AWG BN, BU, BK
4 = 4x26 AWG BN, BU, BK, WH
6 = 6x26 AWG BN, BU, BK, WH, GY, PK

Mounting Style

(blank) = front mount (rear thread and locknut)
F = rear mount (front thread and locknut)

Connection Type / Length in Meters

PCB = PCB pins
PCBF = PCB pins

Field Wireable Part Number Key

B S 5 1 3 1 - 0

Field Wireable Type

B = standard field wireable

Gender

(blank) = female connector
S = male connector

***M8 picofast* Field Wireable**

Housing Style

1 = straight
2 = right angle

Number of Pins

3 = 3
4 = 4

Termination

1 = threaded connector
2 = snap lock
3 = threaded with screw terminal
5 = IAC
6 = IDC

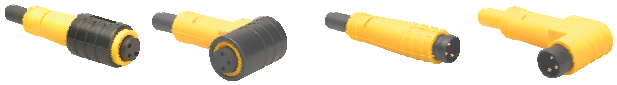
Cable Option

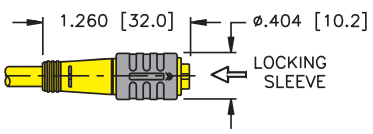
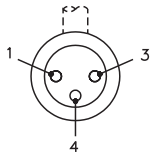
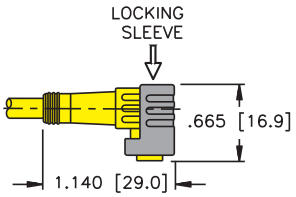
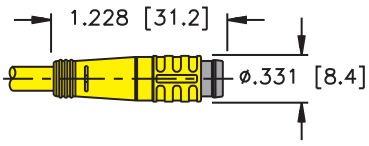
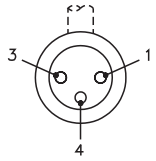
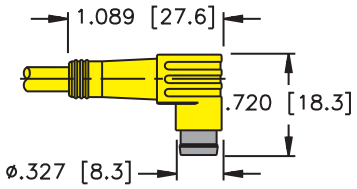
0 = no cable

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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	
PKG ..Z** 	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, 4.4 mm OD, Cable #RF50587-*M†, Cut/Abrasion Immune		
PKW ..Z** 	PKG 3Z-*/S90/S101 PKW 3Z-*/S90/S101	PSG 3-*/S90/S101 PSW 3-*/S90/S101	AWM, TPU Black, 3x24 AWG, 90°C, 4.5 mm OD, Cable #RF51166-*M†, Cut/Abrasion Immune, flexlife-20, High Flex - Over 20 Million Cycles		
PSG .. 	PKG 3Z-*/S90/S618 PKW 3Z-*/S90/S618	PSG 3-*/S90/S618 PSW 3-*/S90/S618	AWM, TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50601-*M†, Cut/Abrasion Immune, EMI/RFI Protection		Male 
PSW .. 	PKG 3Z-*/X0R PKW 3Z-*/X0R	PSG 3-*/X0R PSW 3-*/X0R	PVC Orange, 3x24 AWG, 80°C, 250°C short term, 4.4 mm OD, Cable #RF04449-*M†, Weld Flash Immune, High Temp. Immune		
	PKG 3Z-*/S760 PKW 3Z-*/S760	PSG 3-*/S760 PSW 3-*/S760	AWM, PVC Black, 3x24 AWG, 105°C, 4.4 mm OD, Cable #RF50585-M†, *flexlife*		

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.
** Locking sleeve material is POM.."PKG..Z".
† See Section N for ***reelfast***® cable information.

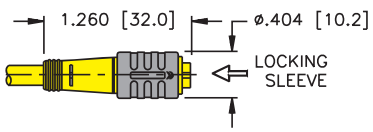
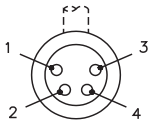
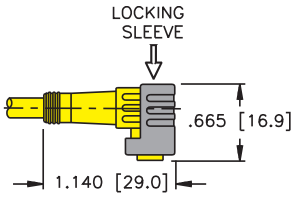
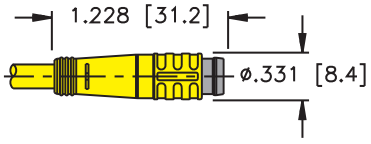
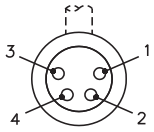
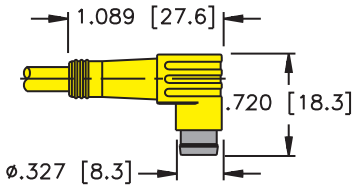
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

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*®	1. BN 2. WH 3. BU 4. BK	Female 
PKW ..Z** 	PKG 4Z-*/S90 PKW 4Z-*/S90	PSG 4-*/S90 PSW 4-*/S90	AWM, TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50586-*M†, Cut/Abrasion Immune		
	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/S618 PSW 4-*/S90/S618	AWM, TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50602-*M†, Cut/Abrasion Immune, EMI/RFI Protection		Male 
	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, 4.4 mm OD, Cable #RF50601-*M†, Cut/Abrasion Immune, EMI/RFI Protection	1. BN 2. Drain 3. BU 4. BK	

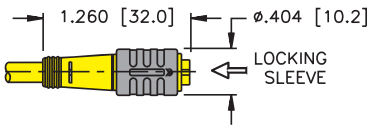
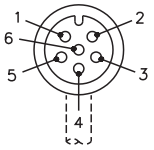
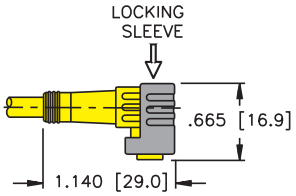
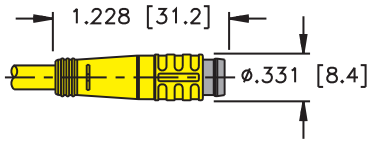
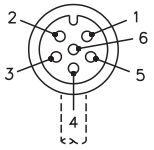
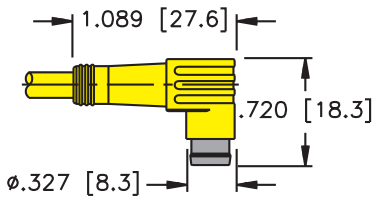
* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.
** Locking sleeve material is POM.."PKG..Z".
† See Section N for ***reelfast***® cable information.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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	
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*®	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Female 
PKW ..Z** 	PKG 6Z-*/S90 PKW 6Z-*/S90	PSG 6-*/S90 PSW 6-*/S90	AWM, TPU Black, 6x26 AWG, 90°C, 4.5 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, 4.5 mm OD, Cable #RF51144-M†, Cut/Abrasion Immune EMI/RFI Protection		Male 
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*®		

* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.
** Locking sleeve material is POM.."PKG..Z".
† See Section N for ***reelfast***® cable information.

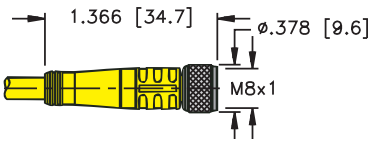
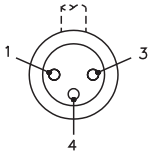
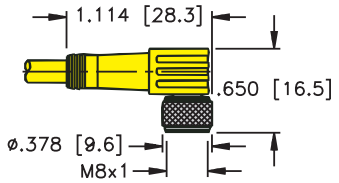
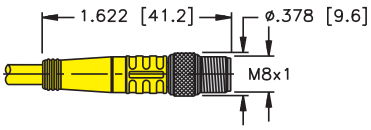
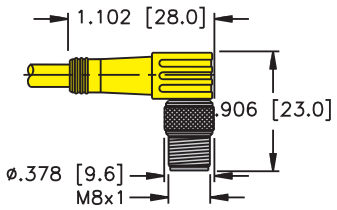
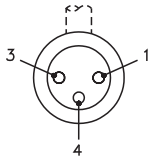
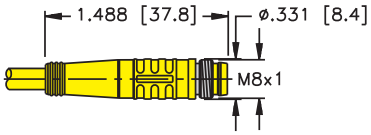
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

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 ..M** 	PKG 3M-* PKW 3M-*	PSG 3M-* PSW 3M-*	AWM, PVC Yellow, 3x24 AWG, 105°C, 4.4 mm OD, Cable #RF50642-*M†, *flexlife*®	1. BN 3. BU 4. BK	Female 
	PKG 3M-*/S90 PKW 3M-*/S90	PSG 3M-*/S90 PSW 3M-*/S90	AWM, TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50587-*M†, Cut/Abrasion Immune		
PKW ..M** 	PKG 3M-*/S90/S101 PKW 3M-*/S90/S101	PSG 3M-*/S90/S101 PSW 3M-*/S90/S101	AWM, TPU Black, 3x24 AWG, 90°C, 4.5 mm OD, Cable #RF51166-*M†, Cut/Abrasion Immune, flexlife-20, High Flex - Over 20 Million Cycles		
	PKG 3M-*/S90/S618 PKW 3M-*/S90/S618	PSG 3M-*/S90/S618 PSW 3M-*/S90/S618	AWM, TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50601-*M†, Cut/Abrasion Immune, EMI/RFI Protection		
PSG .. 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		
	PKG 3M-*/S760 PKW 3M-*/S760	PSG 3M-*/S760 PSW 3M-*/S760	AWM, PVC Black, 3x24 AWG, 4.4 mm OD, Cable #RF50585-M†, *flexlife*		
PSW .. M** 	PKG 3M-*/S90/S1084 PKW 3M-*/S90/S1084	PSG 3M-*/S90/S1084 PSW 3M-*/S90/S1084	AWM, TPU Black, 2x24 AWG, 90°C, 4.4 mm OD, Cable #RF51197-*M†, Cut/Abrasion Immune, Shielded	1. BN 3. BU 4. Drain	Male 
	PKG 3M-*/XOR PKW 3M-*/XOR	PSG 3M-*/XOR PSW 3M-*/XOR	PVC, Orange, 3x24 AWG, 80°C, 250°C short term, 4.4 mm OD, Cable #RF04449-*M†, Weld Flash Immune, High Temp. Immune	1. BN 3. BU 4. BK	
PSG 3F .. ** 		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, 6, 8 and 10 meters.

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

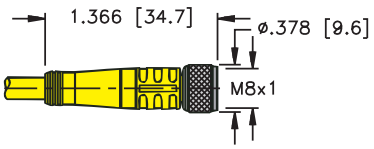
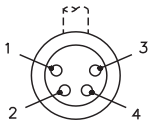
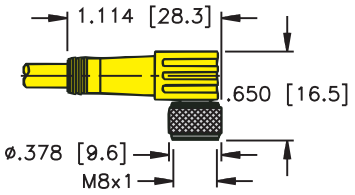
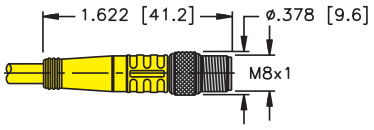
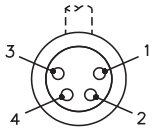
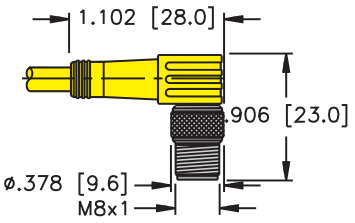
† See Section N for ***reelfast***® cable information.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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

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

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

† See Section N for ***reelfast***® cable information.

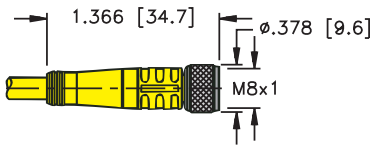
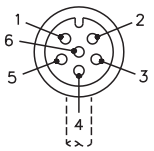
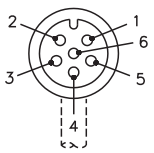
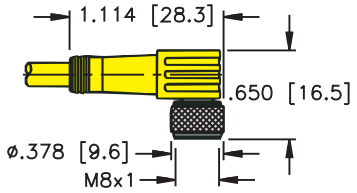
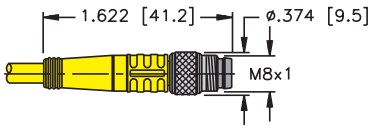
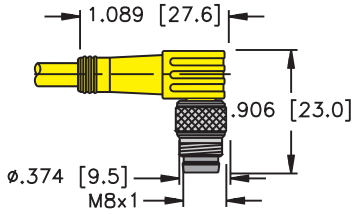
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

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*®	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK Female  Male 
PKW ..M** 	PKG 6M-*/S90 PKW 6M-*/S90	PSG 6M-*/S90 PSW 6M-*/S90	AWM TPU Black, 6x26 AWG, 90°C, 4.5 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*	
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, 4.5 mm OD, Cable #RF51144-*M†, Cut/Abrasion Immune EMI/RFI Protection	

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

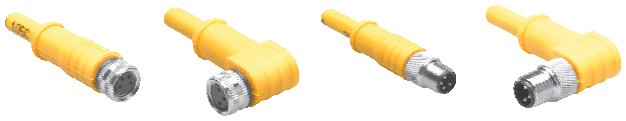
** Standard coupling material is nickel plated brass.."PKG..M"; "PKGV..M" indicates stainless steel.

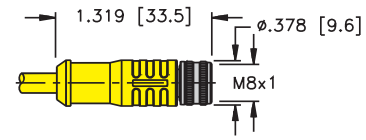
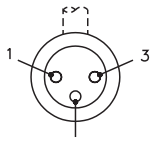
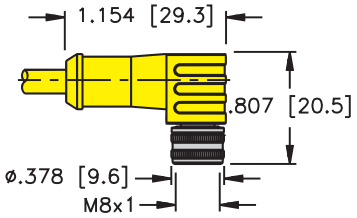
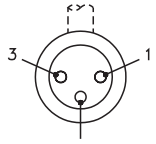
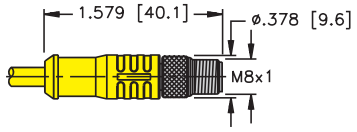
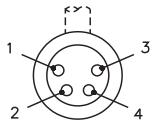
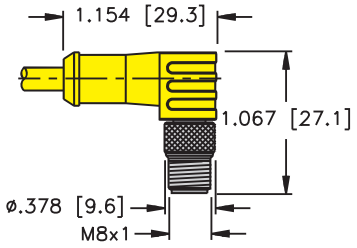
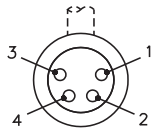
† See Section N for ***reelfast***® cable information.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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

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



Connector Style	Female Part Number	Male Part Number	Features	Pinout	
PKGS ..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	1. BN 3. BU 4. BK	Female 
PKWS ..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 
PSGS ..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	1. BN 2. WH 3. BU 4. BK	Female 
PSWS ..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.
† See Section N for ***reelfast*** ® cable information.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

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

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



Connector Style	Female Part Number	Features	Pinout	
PKW ..Z** YELLOW (OUTPUT) GREEN (POWER) LOCKING SLEEVE .665 [16.9] 1.140 [29.0]	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 1 3 4
	PKW 3Z-P7X2-*/S90	AWM TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50587-*M†, PNP Signal, Cut/Abrasion Immune		
	PKW 3Z-P7X2-*/S90/S618	AWM TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50601-*M†, PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection		
	PKW 3Z-P7X2-*/S90/S101	AWM TPU Black, 3x26 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, 4.4 mm OD, Cable #RF50587-*M†, NPN Signal, Cut/Abrasion Immune		
	PKW 3Z-N7X2-*/S90/S618	AWM TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50601-*M†, NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection		
	PKW 3Z-N7X2-*/S90/S101	AWM TPU Black, 3x26 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	Female 1 3 2 4
	PKW 4Z-P7X2-*/S90	AWM TPU Black, 4x26 AWG, 90°C, 4.4 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		
	PKW 4Z-N7X2-*	AWM PVC Yellow, 4x26 AWG, 105°C, 4.4 mm OD, Cable #RF50697-*M†, NPN Signal, *flexlife*		
	PKW 4Z-N7X2-*/S90	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50586-*M†, NPN Signal, Cut/Abrasion Immune		
	PKW 4Z-N7X2-*/S90/S101	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50935-*M†, NPN 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".
† See Section N for *reelfast*® cable information.

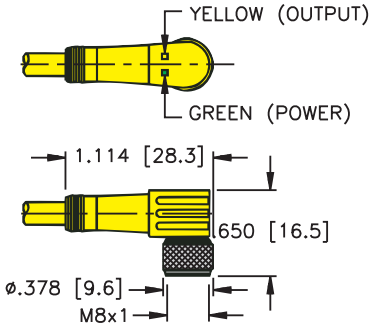
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3-Wire Cordsets, with LEDs, Threaded Coupling Nut

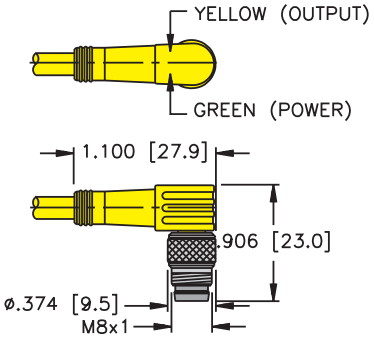
- NEMA 1, 3, 4, 6P
- IEC IP67 Protection
- 10-30 VDC, 4 A

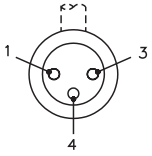


PKW ..M**



PSW ..M**



Connector Style	Female Part Number	Male Part Number	Features	Pinout	
	PKW 3M-P7X2-*	PSW 3M-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 3M-P7X2-*/S90	PSW 3M-P7X2-*/S90	AWM TPU Black, 3x24 AWG, 90°C, 4.4 mm OD, Cable #RF50587-*M†, PNP Signal, Cut/Abrasion Immune		
	PKW 3M-P7X2-*/S90/S101	PSW 3M-P7X2-*/S90/S101	AWM TPU Black, 3x26 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-N7X2-*/S90/S618		AWM TPU Black, 3x24 AWG, 90°C, 4.4 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, 4.4 mm OD, Cable #RF50587-*M†, NPN Signal, Cut/Abrasion Immune		
	PKW 3M-N7X2-*/S90/S101		AWM TPU Black, 3x26 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, 4.4 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.
** Standard coupling material is nickel plated brass.
† See Section N for ***reelfast***® cable information.

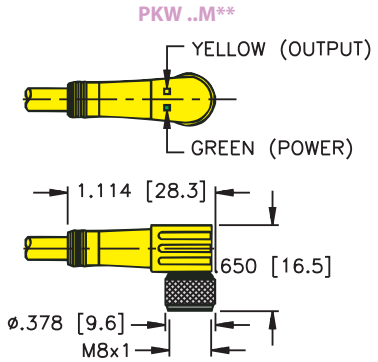
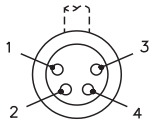
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

4-Wire Cordsets, with LEDs, Threaded Coupling Nut

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



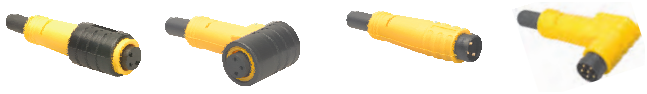
Connector Style	Female Part Number	Features	Pinout	
	**PKW 4M-P7X2-***	AWM PVC Yellow, 4x26 AWG, 105°C, 4.4 mm OD, Cable #RF50697-*M†, PNP Signal, *flexlife*®	1. BN 2. WH 3. BU 4. BK	**Female** 
	PKW 4M-P7X2-*/S90	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50586-*M†, PNP Signal, Cut/Abrasion 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, 4.4 mm OD, Cable #RF50602-*M†, PNP Signal, Cut/Abrasion Immune, EMI/RFI Protection		
	PKW 4M-N7X2-*	AWM PVC Yellow, 4x26 AWG, 105°C, 4.4 mm OD, Cable #RF50697-*M†, NPN Signal, *flexlife*		
	PKW 4M-N7X2-*/S90	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50586-*M†, NPN Signal, Cut/Abrasion Immune		
	PKW 4M-N7X2-*/S90/S101	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50935-*M†, NPN Signal, Cut/Abrasion Immune, *flexlife-20*, High Flex - over 20 Million Cycles		
	PKW 4M-N7X2-*/S90/S618	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50602-*M†, NPN Signal, Cut/Abrasion Immune, EMI/RFI Protection		

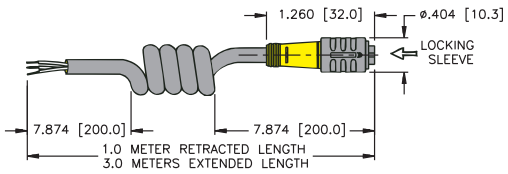
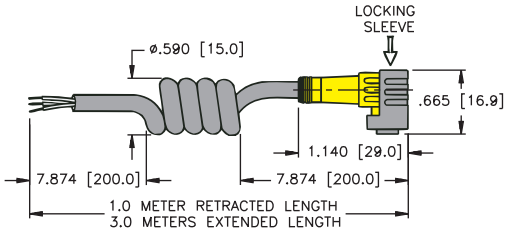
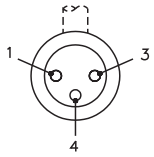
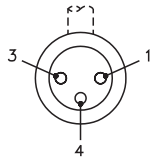
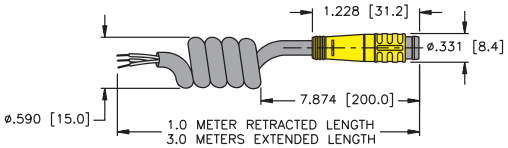
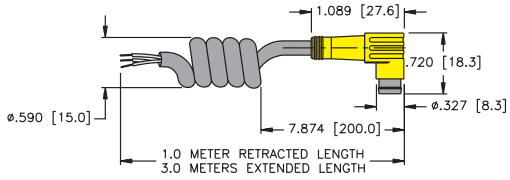
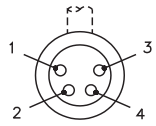
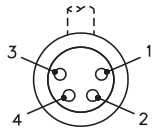
* Length in meters. Standard cable lengths are 2, 4, 6, 8 and 10 meters.
** Standard coupling material is nickel plated brass.
† See Section N for ***reelfast***® cable information.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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

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



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, 80°C, 125 VAC/VDC, 4 A, 4.0 mm OD, for repetitive motion 3-wire applications, snap lock coupling nut	1. BN 3. BU 4. BK	Female  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, 80°C, 125 VAC/VDC, 2 A, 4.0 mm OD, for repetitive motion 4-wire applications, snap lock 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.."PKG(W)..Z".

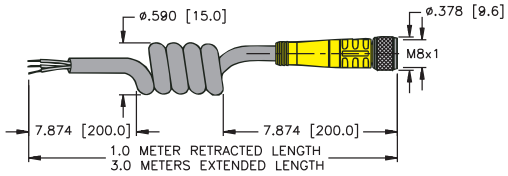
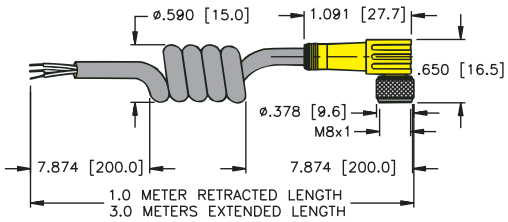
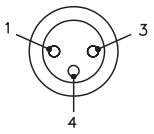
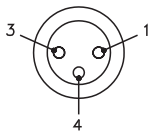
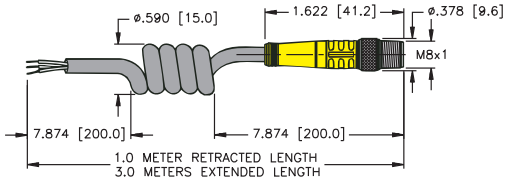
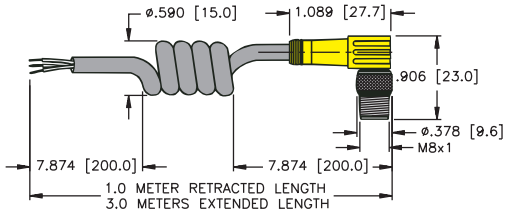
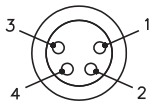
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

3 and 4-Wire Spiral Cordsets, Threaded Coupling Nut

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



Connector Style	Female Part Number	Male Part Number	Features	Pinout	
PKG ..M**  PKW ..M** 	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, 80° C, 125 VAC/VDC, 4 A, 4.0 mm OD, for repetitive motion 3-wire applications, threaded coupling nut	1. BN 3. BU 4. BK	Female  Male 
PSG ..M**  PSW ..M** 	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, 80° C, 125 VAC/VDC, 2 A, 4.0 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.

** Standard coupling material is nickel plated brass.."PKG(W)..M"; "PKGV..M" indicates 316 stainless steel.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Mounting Style	Image	Panel Thread Types	Page
Front Mount		M8	C17
Rear Mount		M8	C18
		7/16-20 with Solder Cups	C22
PCB Mount		M12 with PCB Pins	C19
		7/16-20 with Header Pins	C19
		M8 with Header Pins	C20

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

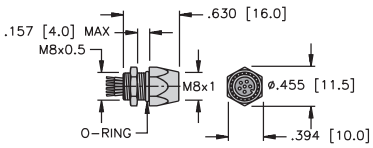
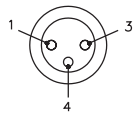
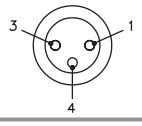
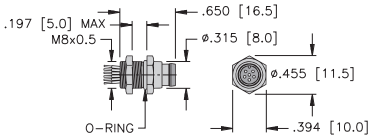
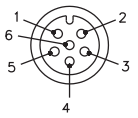
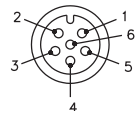
TURCK works Industrial Automation

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

* 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.

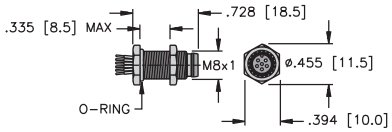
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3, 4 and 6-Wire Receptacles, Rear Mount

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

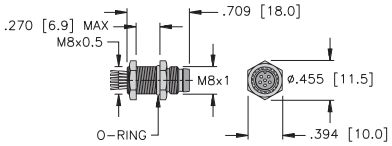


MFS ..F..



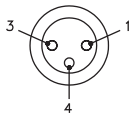
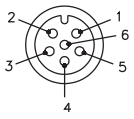
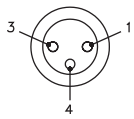
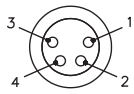
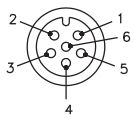
Typical panel cutout is 8.2 mm.

MFSS ..



Typical panel cutout is 8.2 x 7.1 mm.

Rear Mount

Housing Style	Male Part Number	Features	Pinout	
	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	Male 
	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	Male 
	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	Male 
	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	Male 
	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	Male 
	MFSS 6-*	6x24 AWG, 105°C, 125 V, 2 A, mates with 6-pin snap lock or threaded female cordsets, front mount	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	Male 

* 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.

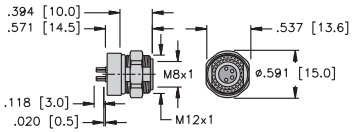
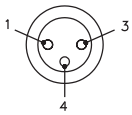
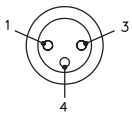
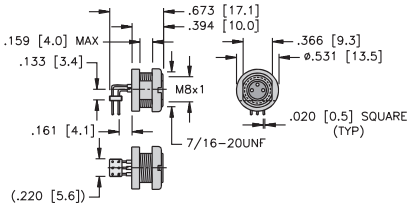
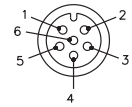
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

3, 4 and 6-Wire Receptacles with PCB Pins

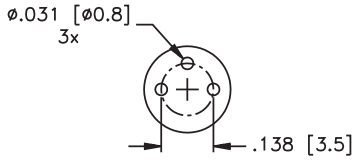
- NEMA 1, 3, 4, 6P
- IEC IP67 Protection



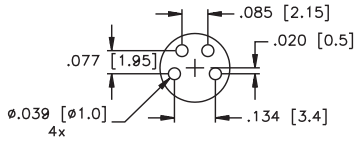
Housing Style	Female Part Number	Features	Pinout
MFKS .. F-PCBF 	MFKS 3F-PCBF	PCB Pins, 85°C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female 
	MFKS 4F-PCBF	PCB Pins, 85°C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female 
	WMFK 3F-PCB	PCB Pins, 80°C, 60 VAC/75 VDC, 4 A, mates with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

Standard housing material is nickel plated brass.

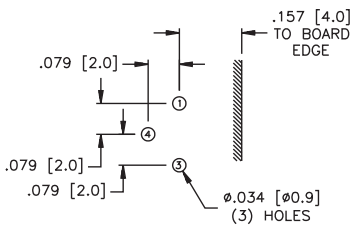
MFKS 3F-PCBF



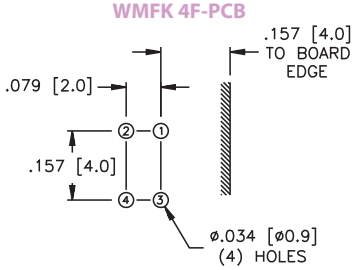
MFKS 4F-PCBF



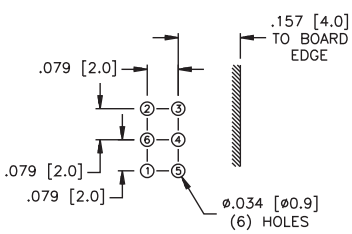
WMFK 3F-PCB



WMFK 4F-PCB



WMFK 6F-PCB

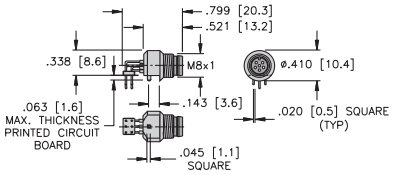
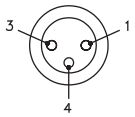
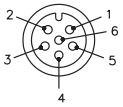
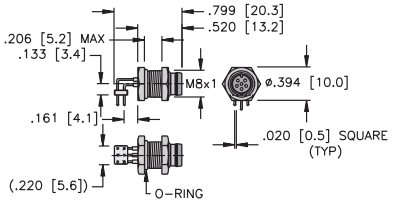
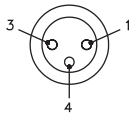
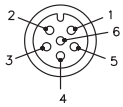


Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3, 4 and 6-Wire Receptacles with PCB Pins

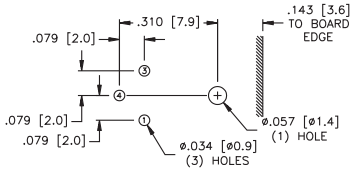
- **NEMA 1, 3, 4, 6P**
- **IEC IP67 Protection**



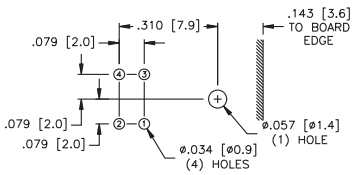
Housing Style	Male Part Number	Features	Pinout
WMFS .. PCB 	WMFS 3-PCB	PCB Pins, 80°C, 60 VAC/ 75 VDC, 4 A, mates with 3-pin snap lock or threaded female cordsets	Male 
	WMFS 4-PCB	PCB Pins, 80°C, 30 VAC/ 36 VDC, 4 A, mates with 4-pin snap lock or threaded female cordsets	Male 
	WMFS 6-PCB	PCB Pins,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

Standard housing material is nickel plated brass.

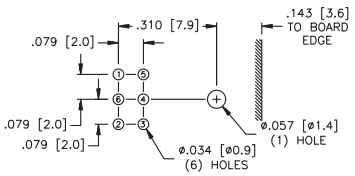
WMFS 3-PCB



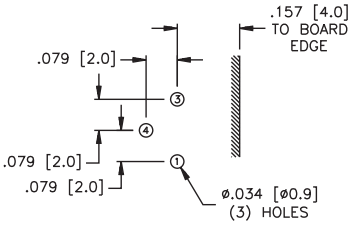
WMFS 4-PCB



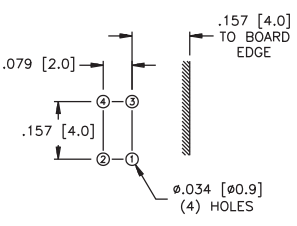
WMFS 6-PCB



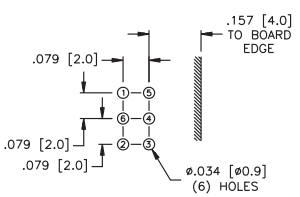
WMFS 3F-PCB



WMFS 4F-PCB



WMFS 6F-PCB



www.turck.us • 1-800-544-7769 • Fax: (763) 553-0708 • TURCK Inc. Minneapolis, MN 55441

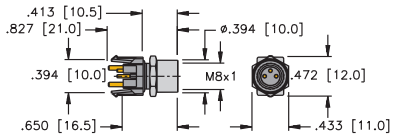
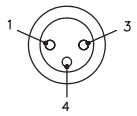
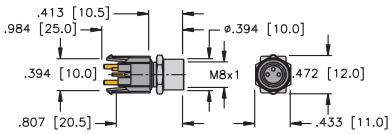
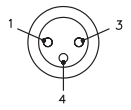
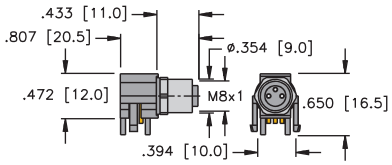
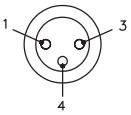
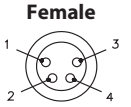
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

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

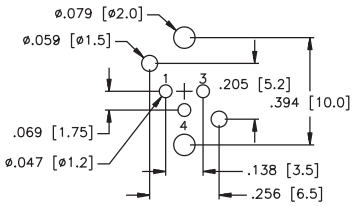
- **IEC IP67 Protection**



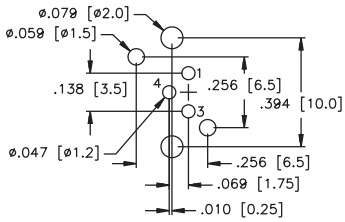
Housing Style	Female Part Number	Features	Pinout
MFKSH .. F-PCB 	MFKSH 3F-PCB	PCB Pins, 85°C, 60 V, 4 A, mates with 3-pin threaded male cordsets	Female 
	MFKSH 4F-PCB	PCB Pins, 85°C, 30 V, 4 A, mates with 4-pin threaded male cordsets	Female 
MFKSHL .. F-PCB 	MFKSHL 3F-PCB	PCB Pins, Long Bracket, 85°C,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

Standard housing material is nickel plated brass.

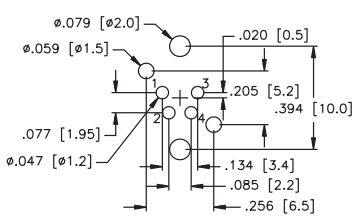
MFKSH 3F-PCB
MFKSHL 3F-PCB



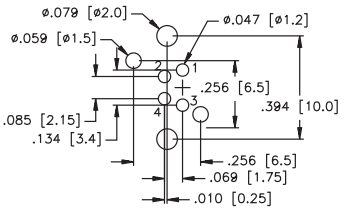
WMFKSH 3F-PCB



MFKSH 4F-PCB
MFKSHL 4F-PCB



WMFKSH 4F-PCB

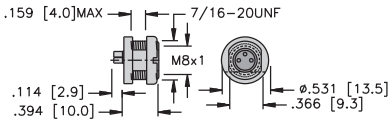
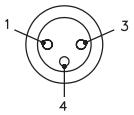
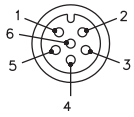


Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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

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



Housing Style	Female Part Number	Features	Pinout
MFKS .. F 	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.

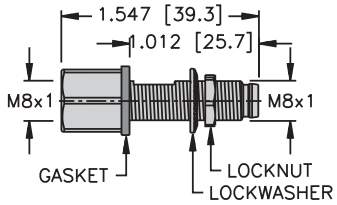
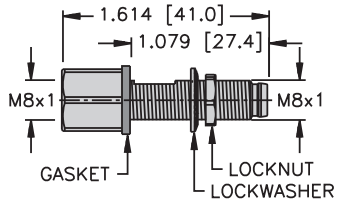
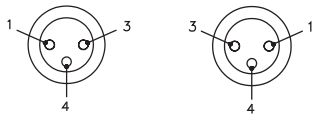
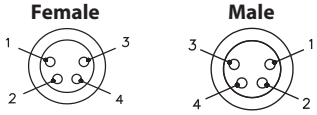
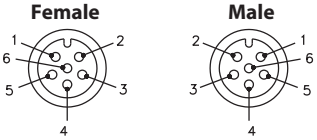
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

3, 4 and 6-Wire Feed-Thru Receptacles

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



Housing Style	Part Number	Features	Pinout
MFSV MFKV ..  MFSV MFKV .. 	**MFSV MFKV 3/M8**	3-conductor, 80°C, 125 V, 4 A, mates with 3-pin threaded cordsets	Female / Male 
	MFSV MFKV 4/M8	4-conductor, 80°C, 125 V, 2 A, mates with 4-pin threaded cordsets	Female / Male 
	MFSV MFKV 6/M8	6-conductor, 80°C, 125 V, 2 A, mates with 6-pin threaded cordsets	Female / Male 

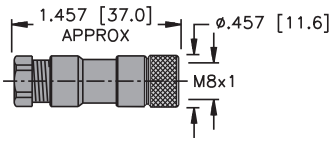
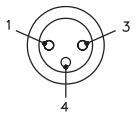
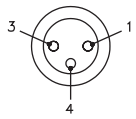
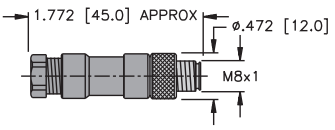
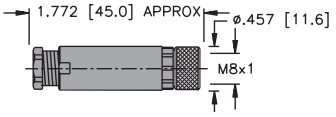
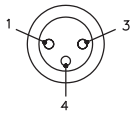
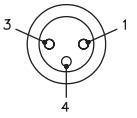
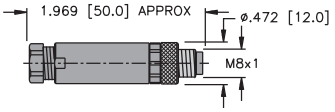
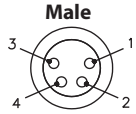
Standard housing material is stainless steel.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3 and 4-Wire Field Wireable Connectors, Standard

- **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 3-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, 4.0 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 

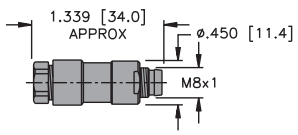
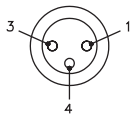
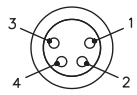
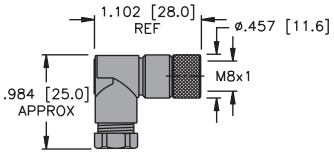
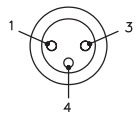
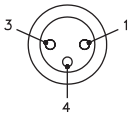
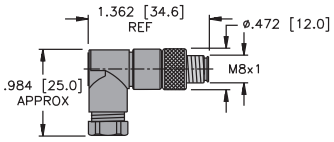
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

3 and 4-Wire Field Wireable Connectors, Standard

- **IEC IP67 Protection**



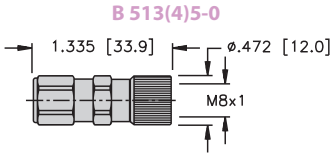
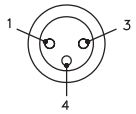
Housing Style	Female Part Number	Male Part Number	Features	Pinout
BS 513(4)2-0 		BS 5132-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 26 AWG conductors, 85°C 60 VAC/ 75 VDC, 4 A, mates with 3-pin female snap-lock cordsets, receptacles and junction boxes and threaded cordsets	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 523(4)1-0 	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 
BS 523(4)1-0 	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, 4.0 A, mates with 4-pin threaded cordsets and receptacles	Female  Male 

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

3 and 4-Wire Field Wireable Connectors, IAC

- **Insulation Avoidance Technology**
- **No Conductor Stripping Required**
- **IEC IP67 Protection**



Housing Style	Female Part Number	Features	Pinout
	B 5135-0	Nickel plated brass, accepts 3-5 mm cable diameter, IAC, accepts 22-26 AWG conductors, 90°C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded cordsets and receptacles	Female 
	B 5145-0	Nickel plated brass, accepts 3-5 mm cable diameter, IAC, accepts 22-26 AWG conductors, 90°C, 60 VAC/ 75 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	Female 

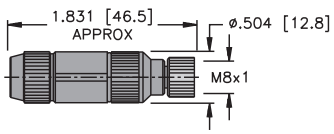
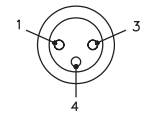
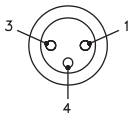
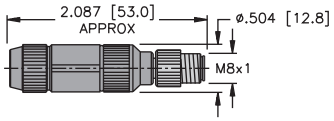
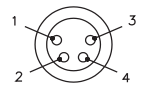
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

3 and 4-Wire Field Wireable Connectors, IDC

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



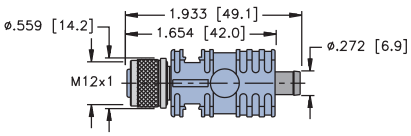
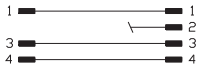
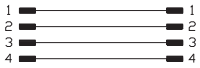
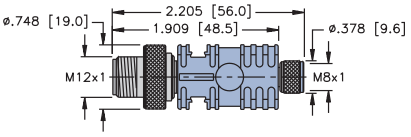
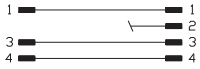
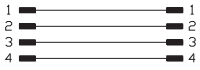
Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 513(4)6-0 	B 5136-0	BS 5136-0	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts up to 22-26 AWG conductors, 85°C, 32 V, 4.0 A, mates with 3-pin threaded cordsets and receptacles	Female  Male 
BS 513(4)6-0 	B 5146-0	BS 5146-0	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts up to 22-26 AWG conductors, 85°C, 32 V, 4.0 A, mates with 4-pin threaded cordsets and receptacles	Female  Male 

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

M8 *picofast*® to M12 *eurofast*® Adapters

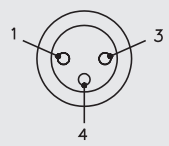
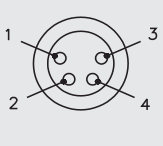
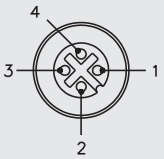
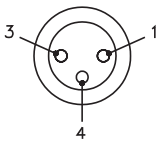
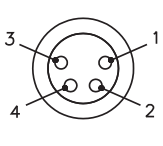
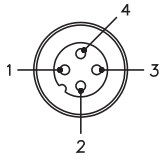
- **Enables *picofast* and *eurofast* Connectors to be Interchanged**
- ***eurofast* Connection has Anti-vibration Coupling Nut**
- **IEC IP67 Protection**



Housing Style	Part Number	Features	Wiring Diagram
FKMR 4 .. 	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 .. 	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.

Pinouts

Female			Male		
					
3-Pin *picofast*	**4-Pin *picofast***	**4-Pin *eurofast***	**3-Pin *picofast***	**4-Pin *picofast***	**4-Pin *eurofast***

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

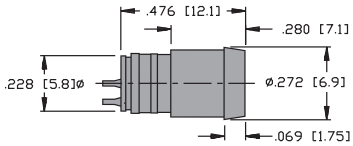
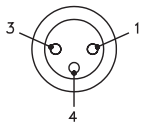
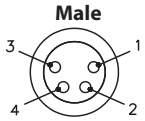
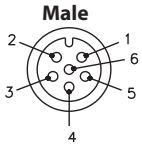
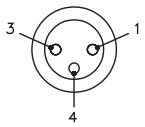
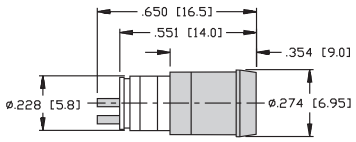
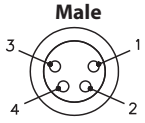
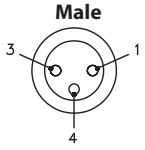
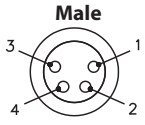
TURCK works Industrial Automation

Connector Inserts

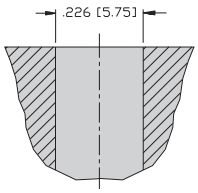
- For Use in Sensors and Custom Receptacles
- Clear Body Versions for Use with Indicator LEDs
- Solder Lug or Printed Circuit Pin Mounting Options



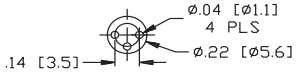


Housing Style	Female Part Number	Features	Pinout
ESM .. 	ESM 3S (10/BAG)	Nylon, black, solder cup, accepts 26 AWG, 60 VAC/75 VDC, 4 A, 80°C, 3-pin snap lock	Male 
	ESM 4S (10/BAG)	Nylon, black, solder cup, accepts 28 AWG, 30 VAC/36 VDC, 4 A, 80°C, 4-pin snap lock	Male 
	ESM 6S (10/BAG)	Nylon, black, 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 .. 	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 

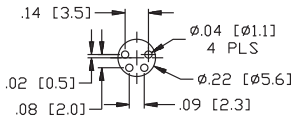
Mounting Bore (for male insert)



3-pin PCB Board Layout



4-pin PCB Board Layout



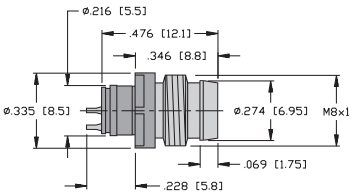
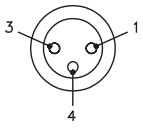
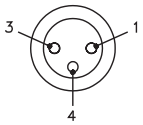
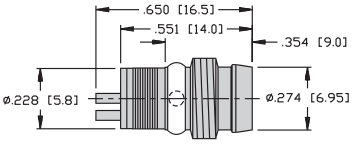
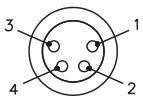
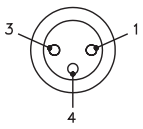
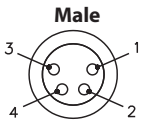
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Connector Inserts

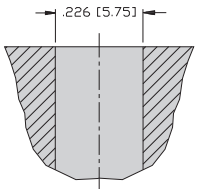
- For Use in Sensors and Custom Receptacles
- Clear Body Versions for Use with Indicator LEDs
- Solder Lug or Printed Circuit Pin Mounting Options



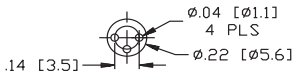


Housing Style	Male Part Number	Features	Pinout
SESM .. 	SESM 3S (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 26 AWG, 60 VAC/ 75 VDC, 4 A, 80°C, 3-pin snap lock or threaded	Male 
	SESM 4S (10/BAG)	Nickel plated brass and nylon housing, solder cup, accepts 28 AWG, 30 VAC/36 VDC,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

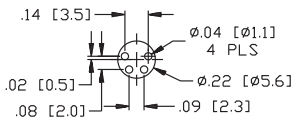
Mounting Bore
(for male insert)



3-pin PCB Board Layout



4-pin PCB Board Layout

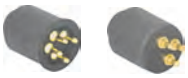


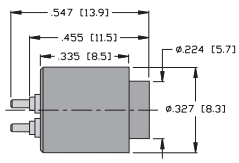
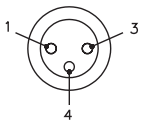
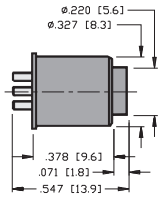
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

TURCK works Industrial Automation

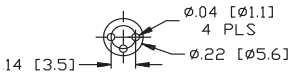
Connector Inserts

- 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

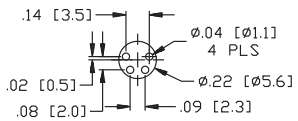


Housing Style	Female Part Number	Features	Pinout
MFK .. 	MFK 3 (10/BAG)	TPU housing, black, PCB pins, 60 VAC/75 VDC, 4 A, 80°C, 3-pin snap lock	Female 
	MFK 4 (10/BAG)	TPU housing, black, PCB pins, 30 VAC/36 VDC, 4 A, 80°C, 4-pin snap lock	
MFKB .. 	MFKB 3 (10/BAG)	TPU housing, black, PCB pins, 60 VAC/75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

3-pin PCB Board Layout



4-pin PCB Board Layout

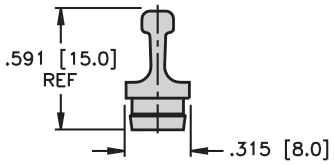
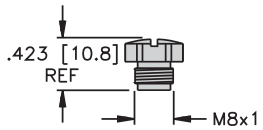
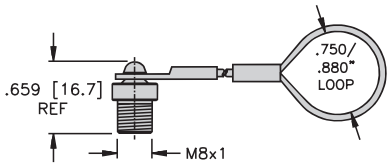
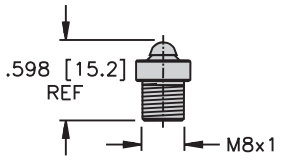
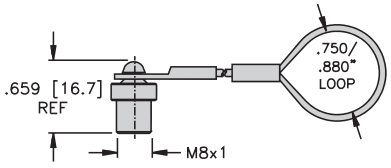
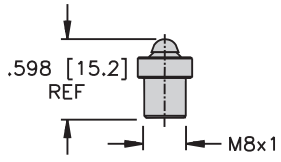


Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Closure Caps

- **For Use with Cordsets, Receptacles and Junction Boxes**

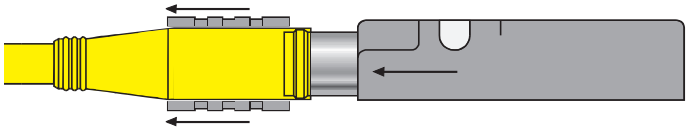


Housing Style	Part Number	Features
	**PSGK-MC (8/BAG)**	Nylon, Mates to female snap lock cordsets, receptacles and junction boxes
	**PSGM-CC (8/BAG)**	Nylon, Mates to female threaded cordsets, receptacles and junction boxes
	**PSG-CC**	Nickel plated brass, Mates to female threaded cordsets, receptacles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

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

M8 *picofast*® "Snap Lock" Connector Instructions

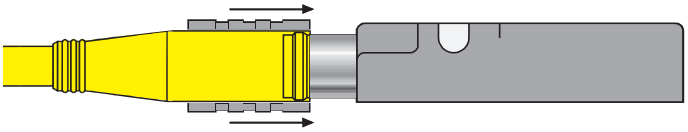
UNLOCK



With TURCK's patented Locking Sleeve pulled back, any ***picofast*** sensor slides on without any difficulty.

LOCK

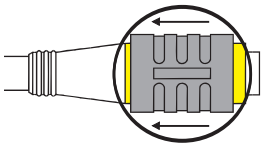
After sensor is connected, push Locking Sleeve forward to create a watertight connection. It's a snap!



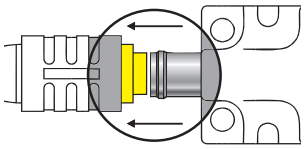
Installation Instructions

To Attach:

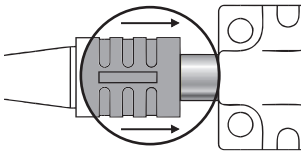
1. Be sure black locking sleeve is pulled back.



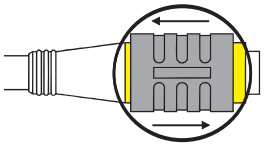
2. Line up pins and push connector onto plug. You will feel a "snap." Do not twist.



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.

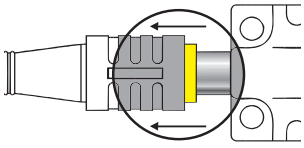


To Detach:

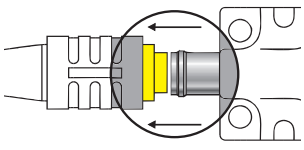
1. Do not twist.



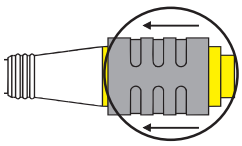
2. Pull locking sleeve back to "unlocked" position.



3. Pull connector straight off.



4. Leave locking sleeve in unlocked position.



Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Notes:

www.turck.us • 1-800-544-7769 • Fax: (763) 553-0708 • TURCK Inc. Minneapolis, MN 55441

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP