

TURCK 1/2" eurofast® Connectivity

eurofast

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Features

- 4-12 pins utilizing 2-12 wires
- Nickel-brass, stainless steel and nylon materials
- Fully shielded options
- Multiple connector mold bodies
- Quick-connect selection
- LED options
- Multiple receptacle mounting thread options
- Receptacles with leads, solder cups or PCB pins



Cordset Part Number Key

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

**M12 eurofast Cordset**

R = straight
W = right angle

Gender

K = female connector
S = male connector

Plug Body Style

(blank) = standard plug body
A = armored plug body, 18 AWG
C = medium plug body
CN = medium plug body, NAMUR wiring
E = large plug body
G = large, robust plug body
L = compact plug body
S = shielded to coupling nut

Coupling Nut Options

(blank) = nickel plated brass
K = nylon
V = stainless steel

Number of Wires / AWG / Color Codes

4.2	= 2-wire	BN, BU
4.21	= 2-wire	BN, BU, blue jacket, NAMUR
4.22	= 2-wire	BN, BU
4.23	= 2-wire	BN, BU
4	= 3-wire	BN, BU, BK
4.4	= 4-wire	BN, WH, BU, BK
4.41	= 4-wire	BN, WH, BU, BK, blue jacket, NAMUR
4.43	= 4-wire	BN, WH, BU, BK, yellow jacket
4.5	= 5-wire	BN, WH, BU, BK, GY
4.6	= 6-wire	BN, WH, BU, BK, GY, PK
5	= 5-wire	GN, WH, OG, BK, RD, blue jacket, NAMUR
6	= 6-wire	BN, WH, BU, BK, GY, PK
8	= 8-wire	WH, BN, GN, YE, GY, PK, BU, RD
8.6	= 6-wire	WH, GN, YE, GY, BN, BU
8.8	= 8-wire	WH, GN, YE, GY, BN, PK, BU, RD
10	= 10-wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN
12	= 12-wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, BK, VT

AWG sizes depend on body style and "/S" variety

Varieties

(blank)	= PVC jacket
/S90	= TPU jacket
/S90-SP	= TPU coil cord
/S101	= flexlife-20 , high flex cable
/S529	= yellow PUR jacket, braided shield, PVC inner jacket
/S600	= CPE, rubber jacket
/S618	= foil shield & drain wire, drain not connected
/S622	= grey PVC jacket, 18 AWG Conductors
/S653	= foil shield & drain wire, drain connected
/S715	= yellow jacket
/S824	= PLTC
/S1092	= PTFE coated coupling nuts
/S1094	= TPE mold body and TPE wildlife ® cable and PTFE coated coupling nut
/S1095	= TPE mold body
/S1587	= TPE, wildlife
/S1077	= silicone tubing
/S3031	= PUR mold body, PTFE coated coupling nut and silicone tubing
/XOR	= irradiated PVC jacket
/CS ..	= consult factory, special
/S ..	= consult factory, special

Insertion Point of Extension Cable and 2nd Prefix*

* Female connector listed 1st, male connector 2nd
Example: RK 4T-4-WS 4T

LED Options

(blank)	= no LEDs
P7X2	= 2 LEDs with sourcing (PNP) signal and power
P7X3	= 3 LEDs with sourcing (PNP) signal and power
N7X2	= 2 LEDs with sinking (NPN) signal and power

Length in Meters

(blank) = no barb fitting, L style only

T = T barb fitting
A = armored cable
Q = quick turn

TURCK M12 eurofast® Connectivity**Cordset Part Number Key****TURCK**
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Automation**Extension Examples:**

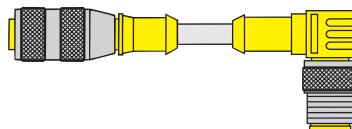
Hybrid connector extensions also available. Consult factory.



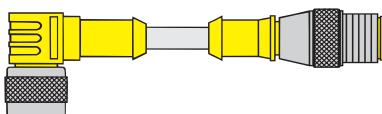
R	K	G	4.4	T	-	2	-	R	S	E	4.4	T	/S600
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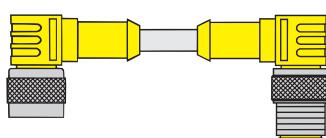
R	K	4.4	T	-	2	-	R	S	4.4	T
---	---	-----	---	---	---	---	---	---	-----	---



R	K	4.4	T	-	2	-	W	S	4.4	T
---	---	-----	---	---	---	---	---	---	-----	---



W	K	4.4	T	-	2	-	R	S	4.4	T
---	---	-----	---	---	---	---	---	---	-----	---



W	K	4.4	T	-	2	-	W	S	4.4	T
---	---	-----	---	---	---	---	---	---	-----	---

eurofast

Reverse Key (B-Code) Cordset Part Number Key

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

**M12 eurofast Cordset**

(blank) = straight
W = right angle

Reverse Key**Gender**

K = female connector
S = male connector

Coupling Nut Options

(blank) = nickel plated brass
K = nylon
V = stainless steel

Reverse Key**Number of Wires / AWG / Color Codes**

4 = 4-pins, 3-wires
4.5 = 5-pins, 5-wires

AWG sizes depend on body styles and "/S" variety

**Varieties**

/S.. = consult factory, special
/CS = consult factory, special
/S626 = grey PVC jacket, 3x20 AWG
/S821 = weld flash immune, 3x18 AWG
/S101 = **flexlife-20**, high flex cable
/S618 = EMI, RFI protection, 5x22 AWG
/S653 = EMI, RFI protection, 4x22 AWG

Insertion Point of Extension Cable and 2nd Prefix*

* Female connector listed 1st, male connector 2nd
Example: **WAKW 4.5T-*_WASH 4.5T**

Length in Meters

(blank) = no barb fitting, L style only
T = T barb fitting

TURCK M12 eurofast® Connectivity**Receptacle Part Number Key****TURCK**
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Automation

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

**M12 eurofast Receptacle****Gender**

K = female connector
 S = male connector

Housing Style

(blank)= front mount
 D = front mount, front locknut
 FD = rear mount
 FDH= rear mount, separate housing
 FDL = rear mount, solder cup
 M = front mount, rotating coupling nut
 P = back panel mount
 FDHO = rear mount, separate housing, optional mounting

Keyway Type

(blank)= standard keyway
 W = reverse keyway

Housing Material

(blank)= nickel plated brass
 V = stainless steel

**Varieties**

/CS = consult factory, special
 /S.. = consult factory, special
 /S613 = 18 AWG, standard color code
 /S621 = all grey leads, 18 AWG
 /S627 = 20 AWG, standard color code
 /S1505= 26 AWG, standard color code

Thread Type

(blank) = PG 9 threads or other, see specifications
 /13.5 = PG 13.5 threads
 /14.5 = 1/2-14 NPSM threads
 /14.5/NPT = 1/2-14 NPT threads
 /18.25 = 1/4-18 NPT threads
 M20 = M20x1 threads
 /PG16 = PG 16 threads

Connection Type / Length in Meters

(blank)= no leads, either PCB pin or solder cup
 PCB = PCB pins

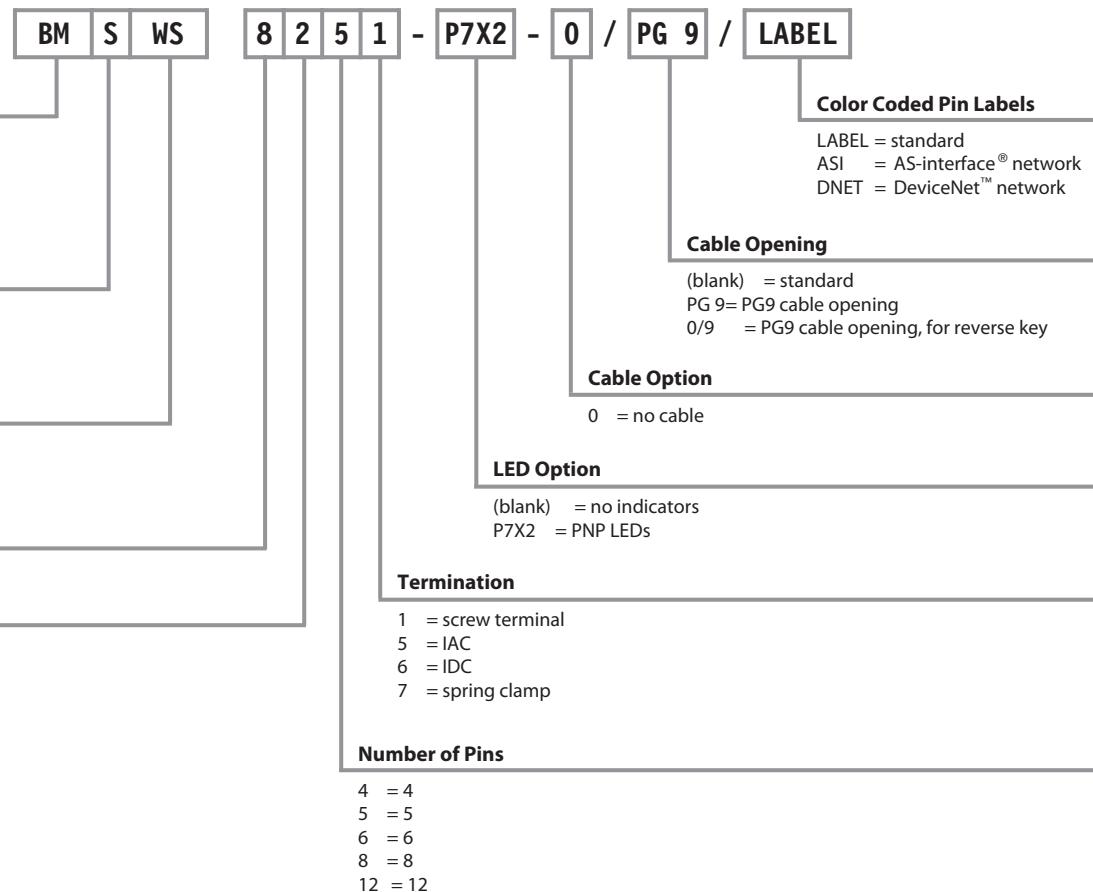
Number of Wires / AWG / Color Codes

4.2	= 2-wire	BN, BU
4.21	= 2-wire	BN, BU, NAMUR
4.22	= 2-wire	BN, BU
4.23	= 2-wire	BN, BU
4	= 3-wire	BN, BU, BK
4.4	= 4-wire	BN, WH, BU, BK
4.41	= 4-wire	BN, WH, BU, BK, NAMUR
4.43	= 4-wire	BN, WH, BU, BK, yellow jacket
4.5	= 5-wire	BN, WH, BU, BK, GY
4.6	= 6-wire	BN, WH, BU, BK, GY, PK
5	= 5-wire	GN, WH, OG, BK, RD, NAMUR
6	= 6-wire	BN, WH, BU, BK, GY, PK
8	= 8-wire	WH, BN, GN, YE, GY, PK, BU, RD
8.6	= 6-wire	WH, GN, YE, GY, BN, BU
8.8	= 8-wire	WH, GN, YE, GY, BN, PK, BU, RD
10	= 10-wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN
12	= 12-wire	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, BK, VT

AWG sizes depend on body style and "/S" variety

Field Wireable Part Number Key

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

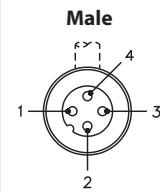
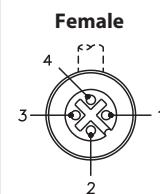


TURCK M12 eurofast® Connectivity**2-Wire Cordsets, Standard Plug Body****TURCK** *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	RK 4.2T-* WK 4.2T-*	RS 4.2T-* WS 4.2T-*	AWM PVC Grey, 2x20 AWG, 105°C, 5.1 mm OD, Cable #RF50529-*M†, flexlife®	1. N/C 2. N/C 3. BN 4. BU
	RK 4.2T-* /S90 WK 4.2T-* /S90	RS 4.2T-* /S90 WS 4.2T-* /S90	ITC/PLTC TPU Grey, 2x20 AWG, 105°C, 5.1 mm OD, Cable #RF50772-*M†, Cut/Abrasion Immune, tray rated	1. WH 2. N/C 3. N/C 4. BK
	RK 4.21T-* /S1511 WK 4.21T-* /S1511	RS 4.21T-* /S1511 WS 4.21T-* /S1511	AWM PVC Grey, 2x20 AWM PVC, 105°C, 5.1 mm OD, Cable #RF50529-*M†	1. BN 2. BU 3. N/C 4. N/C
	RK 4.21T-* /S90 WK 4.21T-* /S90	RS 4.21T-* /S90 WS 4.21T-* /S90	AWM TPU NAMUR Blue, 2x20 AWG, 90°C, 5.1 mm OD, Cable #RF50657-*M†, Cut/Abrasion Immune	1. BN 2. N/C 3. BU 4. N/C
	RK 4.22T-* WK 4.22T-*	RS 4.22T-* WS 4.22T-*	AWM PVC Grey, 2x20 AWG, 105°C, 5.1 mm OD, Cable #RF50529-*M†, flexlife®	1. BN 2. N/C 3. BU 4. N/C
	RK 4.23T-* WK 4.23T-*	RS 4.23T-* WS 4.23T-*	AWM PVC Grey, 2x20 AWG, 105°C, 5.1 mm OD, Cable #RF50529-*M†, flexlife®	1. BN 2. N/C 3. BU 4. N/C



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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

3-Wire Cordsets, Standard Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RK ..** 1.673 [42.5] Ø 571 [14.5] M12x1	RK 4T-* WK 4T-*	RS 4T-* WS 4T-*	AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50528-*M†, flexlife*	Female 1 BN 2 N/C 3 BU 4 BK
WK ..** 1.280 [32.5] .984 [25.0] .591 [15.0] M12x1	RK 4T-* /S90 WK 4T-* /S90	RS 4T-* /S90 WS 4T-* /S90	AWM TPU Grey, 3x20 AWG, 90°C, 5.1 mm OD, Cable #RF50518-*M†, Cut/Abrasion Immune	
RS ..** 1.546 [39.3] Ø 571 [14.5] M12x1	RK 4T-* /S101 WK 4T-* /S101	RS 4T-* /S101 WS 4T-* /S101	AWM TPE Grey, 3x20 AWG, 105°C, 5.7 mm OD, Cable #RF50940-*M†, flexLife-20, High Flex Over 20 Million Cycles	
WS ..** 1.264 [32.1] 1.220 [31.0] Ø 531 [13.5] M12x1	RK 4T-* /S529 WK 4T-* /S529	RS 4T-* /S529 WS 4T-* /S529	TPU/Heavy Braid Double Jacket Yellow, 3x20 AWG, 90°C, 5.1 mm OD, Cable #RF50832-*M†, Cut/Abrasion Immune Braided Mechanical Shield	
	RK 4T-* /S824 WK 4T-* /S824	RS 4T-* /S824 WS 4T-* /S824	PLTC AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50829-*M†, Tray Rated	1. BN 2. N/C 3. BU 4. BK
	RK 4T-* /S715 WK 4T-* /S715	RS 4T-* /S715 WS 4T-* /S715	AWM PVC Yellow, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50674-*M†, flexlife	
	RK 4T-* /S760 WK 4T-* /S760	RS 4T-* /S760 WS 4T-* /S760	AWM PVC Black, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50795-*M†, flexlife	
	RK 4T-* /S618 WK 4T-* /S618	RS 4T-* /S618 WS 4T-* /S618	ITC/PLTC PVC Grey, 3x20 AWG, Foil/Drain, 105°C 5.7 mm OD, Cable #RF50611-*M†, RFI/EMI Shielding, tray rated	Male 1 BN 2 N/C 3 BU 4 BK

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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**4-Wire Cordsets, Standard Plug Body****TURCK** *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	RK 4.41T-** WK 4.41T-**	RS 4.41T-** WS 4.41T-**	AWM PVC NAMUR Blue, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50598-*M [†] , flexlife [*]	
	RK 4.41T-*/S529 WK 4.41T-*/S529	RS 4.41T-*/S529 WS 4.41T-*/S529	TPU/Heavy Braid Double Jacket Yellow, 4x20 AWG, 90°C, 5.7 mm OD, Cable #RF50526-*M [†] , Cut/Abrasion Immune Braided Mechanical Shield	
	RK 4.43T-** WK 4.43T-**	RS 4.43T-** WS 4.43T-**	AWM PVC Yellow, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50530-*M [†] , flexlife	
	RK 4.43T-*/S90 WK 4.43T-*/S90	RS 4.43T-*/S90 WS 4.43T-*/S90	ITC/PLTC TPU Yellow, 4x22 AWG, 105°C, 5.3 mm OD, Cable #RF50613-*M [†] , Cut/Abrasion Immune, tray rated	
	RK 4.4T-** WK 4.4T-**	RS 4.4T-** WS 4.4T-**	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50516-*M [†] , flexlife	
	RK 4.4T-*/S90 WK 4.4T-*/S90	RS 4.4T-*/S90 WS 4.4T-*/S90	AWM TPU Grey, 4x22 AWG, 90°C, 5.1 mm OD, Cable #RF50532-*M [†] , Cut/Abrasion Immune	
	RK 4.4T-*/S101 WK 4.4T-*/S101	RS 4.4T-*/S101 WS 4.4T-*/S101	AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD, Cable #RF50941-*M [†] , flexLife-20, High Flex Over 20 Million Cycles	
	RK 4.4T-*/S824 WK 4.4T-*/S824	RS 4.4T-*/S824 WS 4.4T-*/S824	ITC/PLTC PVC Grey, 4x22 AWG, 105°C, 5.3 mm OD, Cable #RF50698-*M [†] , Tray Rated	
	RK 4.4T-*/S618 WK 4.4T-*/S618	RS 4.4T-*/S618 WS 4.4T-*/S618	AWM PVC Grey, 4x22 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50577-*M [†] , RFI/EMI Shielding	
	RK 4.4T-*/S618/S824 WK 4.4T-*/S618/S824	RS 4.4T-*/S618/S824 WS 4.4T-*/S618/S824	ITC/PLTC PVC Grey, 4x22 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50773-*M [†] , RFI/EMI Shielding, Tray Rated	

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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**4-Wire Cordsets, Standard Plug Body****euro
fast**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 VAC/300 VDC, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RK ..** 	RK 4.4T-*/S653 WK 4.4T-*/S653	RS 4.4T-*/S653 WS 4.4T-*/S653	ITC/PLTC PVC Grey, 3x20 AWG Foil/Drain, 105°C, 5.7 mm OD, Cable #RF50611-*M†, RFI/EMI Protection, tray rated	1. BN 2. Drain 3. BU 4. BK
WK ..** 	RK 4.4T-*/S760 WK 4.4T-*/S760	RS 4.4T-*/S760 WS 4.4T-*/S760	AWM PVC Black, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50983-*M†, flexlife®	
RS ..** 	RK 4.4T-*/S90/S670 WK 4.4T-*/S90/S670	RS 4.4T-*/S90/S670 WS 4.4T-*/S90/S670	AWM TPU Black, 4x26 AWG, 90°C, 4.4 mm OD, Cable #RF50586-*M†, Cut/Abrasion Immune	
WS ..** 	RK 4.4T-*/XOR WK 4.4T-*/XOR	RS 4.4T-*/XOR WS 4.4T-*/XOR	PVC Yellow, 4x20 AWG, 80°C 250°C short term, 5.2 mm OD, Cable #RF04304-*M†, Weld Flash Immune, High Temp. Resistance	
	RK 4.4T-*/S1666 WK 4.4T-*/S1666	RS 4.4T-*/S1666 WS 4.4T-*/S1666	AWM TPU Grey, 2: 2x22 AWG, STP Foil/Drain, 90°C, 6.2 mm OD, Cable #RF51069-*M†, Cut/Abrasion Immune, Shielded Twisted Pair for Communication	

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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

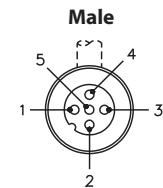
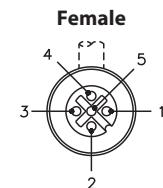
TURCK M12 eurofast® Connectivity**5-Wire Cordsets, Standard Plug Body**TURCK *works.*

Industrial Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	RK 4.5T-* WK 4.5T-*	RS 4.5T-* WS 4.5T-*	AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD Cable #RF50543-*M [†] , flexlife *	
	RK 4.5T-* /S90 WK 4.5T-* /S90	RS 4.5T-* /S90 WS 4.5T-* /S90	ITC/PLTC TPU Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50649-*M [†] , Cut/Abrasion Immune, tray rated	
	RK 4.5T-* /S101 WK 4.5T-* /S101	RS 4.5T-* /S101 WS 4.5T-* /S101	AWM TPE Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50909-*M [†] , flexlife-20, High Flex Over 20 Million Cycles	
	RK 4.5T-* /S715 WK 4.5T-* /S715	RS 4.5T-* /S715 WS 4.5T-* /S715	AWM PVC Yellow, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50684-*M [†] , flexlife	
	RK 4.5T-* /S653 WK 4.5T-* /S653	RS 4.5T-* /S653 WS 4.5T-* /S653	AWM PVC Grey, 4x22 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50577-*M [†] , RFI/EMI Shielding	1. BN 2. WH 3. BU 4. BK 5. Drain
	RK 4.5T-* /S1554 WK 4.5T-* /S1554	RS 4.5T-* /S1554 WS 4.5T-* /S1554	AWM PVC Black, 5x22 AWG Foil/Drain, 105°C, 5.7 mm OD, Cable #RF50794-*M [†] , RFI/EMI Shielding	1. BN 2. WH 3. BU 4. BK 5. GY



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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

6-Wire Cordsets, Standard Plug Body

**euro
fast**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RK ..** 	RK 4.6T-* WK 4.6T-*	RS 4.6T-* WS 4.6T-*	AWM PVC Grey, 6x24 AWG, 105°C, 5.1 mm OD, Cable #RF50608-*M†, flexlife®	 Female 1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
WK ..** 	RK 4.6T-* /S90 WK 4.6T-* /S90	RS 4.6T-* /S90 WS 4.6T-* /S90	AWM TPU Grey, 6x24 AWG, 90°C, 5.7 mm OD, Cable #RF50646-*M†, Cut/Abrasion Immune	
RS ..** 	RK 4.6T-* /S90 /S760 WK 4.6T-* /S90 /S760	RS 4.6T-* /S90 /S760 WS 4.6T-* /S90 /S760	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, Cable #RF50728-*M†, Cut/Abrasion Immune	
WS ..** 	RK 4.6T-* /S618 WK 4.6T-* /S618	RS 4.6T-* /S618 WS 4.6T-* /S618	AWM PVC Grey, 6x24 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50610-*M†, RFI/EMI Shielding	 Male 1. BN 2. WH 3. BU 4. BK 5. GY 6. Drain
	RK 4.6T-* /S653 WK 4.6T-* /S653	RS 4.6T-* /S653 WS 4.6T-* /S653	AWM PVC Grey, 5x22 AWG Foil/Drain, 105°C, 5.7 mm OD, Cable #RF50609-*M†, RFI/EMI Shielding	

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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**10 and 12-Wire Cordsets, Standard Plug Body**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
 RK ..**	RK 10T-*	RS 10T-*	AWM PVC Grey, 10x24 AWG, 105°C, 6.2 mm OD, Cable #RF51004-*M [†] , flexlife®	 Female Male
	RK 10T-* / S90	RS 10T-* / S90	AWM TPU Grey, 10x24 AWG, 90°C, 6.2 mm OD, Cable #RF51005-*M [†] , Cut/Abrasion Immune	
 RS ..**	RK 12T-*	RS 12T-*	AWM PVC Grey, 12x24 AWG, 105°C, 6.3 mm OD, Cable #RF50991-*M [†] , flexlife®	 Female Male
	RK 12T-* / S90	RS 12T-* / S90	AWM TPU Grey, 12x24 AWG, 90°C, 6 mm OD, Cable #RF50990-*M [†] , Cut/Abrasion Immune	

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

** Standard coupling nut material is nickel plated brass "RK .."; "RKK .." indicates nylon and "RKV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**2 and 3-Wire Cordsets, "C" Style Medium Plug Body****euro
fast**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 4.2T-* WKC 4.2T-*	RSC 4.2T-* WSC 4.2T-*	AWM PVC Yellow, 2x18 AWG, 105°C, 7.2 mm OD, Cable #RF50511-*M†, flexlife®	Female
WKC ..** 	RKC 4.2T-* /CS10191 WKC 4.2T-* /CS10191	RSC 4.2T-* /CS10191 WSC 4.2T-* /CS10191	AWM PVC NAMUR Blue, 2x18 AWG, 105°C, 7.2 mm OD, Cable #RF50843-*M†, flexlife, Black Plug Body	
RSC ..** 	RKC 4T-* WKC 4T-*	RSC 4T-* WSC 4T-*	ITC/PLTC PVC Yellow, 3x18 AWG, 105°C, 7.2 mm OD, Cable #RF50513-*M†, flexlife, tray rated	Male
WSC ..** 	RKC 4T-* /S1062 WKC 4T-* /S1062	RSC 4T-* /S1062 WSC 4T-* /S1062	ITC/PLTC PVC Yellow, 3x18 AWG, 105°C, 7.2 mm OD, Cable #RF50513-*M†, flexlife® Cable, PVC plug body with PVC contact carriers, tray rated	

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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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

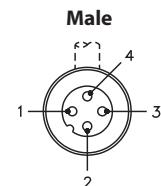
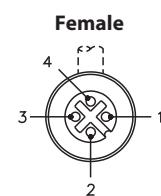
TURCK M12 eurofast® Connectivity**4-Wire Cordsets, "C" Style Medium Plug Body**

TURCK Worxs.
Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 4.4T-** WKC 4.4T-**	RSC 4.4T-* WSC 4.4T-*	AWM PVC Yellow, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50579-*M [†] , flexlife®	
WKC ..** 	RKC 4.4T-*/S90 WKC 4.4T-*/S90	RSC 4.4T-*/S90 WSC 4.4T-*/S90	ITC/PLTC TPU Yellow, 4x18 AWG, 90°C, 7.2 mm OD, Cable #RF5044-*M [†] , cut/Abrasion Immune, tray rated	
RSC ..** 	RKC 4.4T-*/S622 WKC 4.4T-*/S622	RSC 4.4T-*/S622 WSC 4.4T-*/S622	AWM PVC Grey, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50580-*M [†] , flexlife®	
WSC ..** 	RKC 4.4T-*/S824 WKC 4.4T-*/S824	RSC 4.4T-*/S824 WSC 4.4T-*/S824	ITC/PLTC PVC Grey, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50844-*M [†] , Tray Rated	
	RKC 4.4T-*/S1587 WKC 4.4T-*/S1587	RSC 4.4T-*/S1587 WSC 4.4T-*/S1587	ITC/PLTC TPE Yellow, 4x18 AWG, 105°C, 6.86 mm OD, Cable #RF50956-*M [†] , Weld Flash Immune, weldlife®	1. BN 2. WH 3. BU 4. BK
	RKC 4.4T-*/S101/S849 WKC 4.4T-*/S101/S849	RSC 4.4T-*/S101/S849 WSC 4.4T-*/S101/S849	AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD, Cable #RF50941-*M [†] , flexLife-20, High Flex Over 20 Million Cycles	
	RKC 4.4T-*/S101 WKC 4.4T-*/S101	RSC 4.4T-*/S101 WSC 4.4T-*/S101	AWM TPE Yellow, 4x18 AWG, 105°C, 6.4 mm OD, Cable #RF50968-*M [†] , flexLife-20, High Flex Over 20 Million Cycles	
	RKC 4.4T-*/S1062 WKC 4.4T-*/S1062	RSC 4.4T-*/S1062 WSC 4.4T-*/S1062	AWM PVC Yellow, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50579-*M [†] , flexlife® Cable, PVC plug body with PVC contact carriers	



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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKC .." indicates stainless steel.

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

5-Wire Cordsets, "C" Style Medium Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 4.5T-*/S653 WKC 4.5T-*/S653	RSC 4.5T-*/S653 WSC 4.5T-*/S653	ITC/PLTC AWM PVC Grey, 4x22 AWG, 105°C, Foil/Drain, 5.1 mm OD, Cable #RF50773-*M†, RFI/EMI Shielding, Tray Rated	1. BN 2. WH 3. BU 4. BK 5. Drain
WKC ..** 	RKC 4.5T-*/S1538 WKC 4.5T-*/S1538	RSC 4.5T-*/S1538 WSC 4.5T-*/S1538	AWM PVC Grey, 5x18 AWG, 105°C, 7.2 mm OD, Cable #RF50630-*M†, flexlife®	1. BN 2. WH 3. BU 4. BK 5. GN/YE
RSC ..** 	RKC 4.5T-*/S715/S849 WKC 4.5T-*/S715/S849	RSC 4.5T-*/S715/S849 WSC 4.5T-*/S715/S849	AWM PVC Yellow, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50684-*M†, flexlife®	1. BN 2. WH 3. BU 4. BK 5. GY
WSC ..** 	RKC 4.5T-*/S1587 WKC 4.5T-*/S1587	RSC 4.5T-*/S1587 WSC 4.5T-*/S1587	AWM TPE Yellow, 5x18 AWG, 105°C, 6.4 mm OD, Cable #RF51232-*M†, weldlife, Weld Flash Immune	1. BN 2. WH 3. BU 4. BK 5. GY
	RKCN 5T- WKCN 5T-*	RSCN 5T- WSCN 5T-*	ITC/PLTC PVC NAMUR Blue, 5x22 AWG, 105°C, 6.9 mm OD, Cable #RF50767-*M†, flexlife®, for VBN 40-H1141 MultiBox	1. GN 2. WH 3. OG 4. BK 5. RD

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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**6-Wire Cordsets, "C" Style Medium Plug Body**

TURCK

makes.

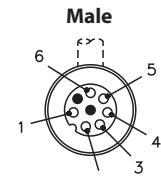
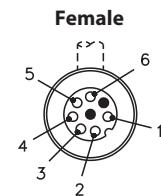
Industrial

Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 6T-* WKC 6T-*	RSC 6T-* WSC 6T-*	AWM PVC Grey, 6x24 AWG, 105°C, 5.1 mm OD, Cable #RF50608-*M†, flexlife *	
WKC ..** 	RKC 6T-*/S90 WKC 6T-*/S90	RSC 6T-*/S90 WSC 6T-*/S90	AWM TPU Grey, 6x24 AWG, 90°C, 5.7 mm OD, Cable #RF50646-*M†, Cut/Abrasion Immune	
RSC ..** 	RKC 6T-*/S101 WKC 6T-*/S101	RSC 6T-*/S101 WSC 6T-*/S101	AWM TPE Grey, 6x24 AWG, 105°C, 5.7 mm OD, Cable #RF50910-*M†, flexlife-20, high flex over 20 million cycles	
WSC ..** 	RKC 6T-*/S90/S760 WKC 6T-*/S90/S760	RSC 6T-*/S90/S760 WSC 6T-*/S90/S760	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, Cable #RF50728-*M†, Cut/Abrasion Immune	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	RKC 6T-*/S529 WKC 6T-*/S529	RSC 6T-*/S529 WSC 6T-*/S529	AWM TPU Yellow, 6x24 AWG, 90°C, 6.2 mm OD, Cable #RF51120-*M†, Cut/Abrasion immune, braided mechanical shield	
	RKC 6T-*/S849/S1052 WKC 6T-*/S849/S1052	RSC 6T-*/S849/S1052 WSC 6T-*/S849/S1052	AWM PVC Grey, 6x22 AWG, 105°C, 6.2 mm OD, Cable #RF51284-*M†, flexlife, 22 AWG conductors, grey cable	
	RKC 6T-*/S618 WKC 6T-*/S618	RSC 6T-*/S618 WSC 6T-*/S618	AWM PVC Grey, 6x24 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50610-*M†, RFI/EMI Shielding	
	RKC 6T-*/S653 WKC 6T-*/S653	RSC 6T-*/S653 WSC 6T-*/S653	AWM PVC Grey, 5x22 AWG Foil/Drain, 105°C, 5.7 mm OD, Cable #RF50609-*M†, RFI/EMI Shielding	1. BN 2. WH 3. BU 4. BK 5. GY 6. Drain
	RKC 6T-*/S90/CS10476 WKC 6T-*/S90/CS10476	RSC 6T-*/S90/CS10476 WSC 6T-*/S90/CS10476	AWM TPU NAMUR Blue, 5x24 AWG Foil/Drain, 90°C, 5.7 mm OD, Cable #RF50928-*M†, Cut/Abrasion Immune	1. OR 2. RD 3. YE 4. BK 5. BU 6. Drain



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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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

8-Wire Cordsets, "C" Style Medium Plug Body



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A

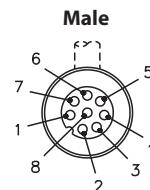
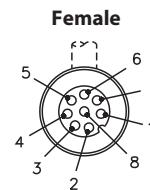


Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 8.6T-* WKC 8.6T-*	RSC 8.6T-* WSC 8.6T-*	AWM PVC Black, 6x24 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50845-*M†, flexlife®, for picofast 4-port Multibox	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C
WKC ..** 	RKC 8T-* WKC 8T-*	RSC 8T-* WSC 8T-*	AWM PVC Grey, 8x24 AWG, 105°C, 5.7 mm OD, Cable #RF50753-*M†, flexlife	
RKC 8T-*/S715 	RKC 8T-*/S715 WKC 8T-*/S715	RSC 8T-*/S715 WSC 8T-*/S715	AWM PVC Yellow, 8x24 AWG, 105°C, 5.7 mm OD, Cable #RF50884-*M†, flexlife	
RKC 8T-*/S90 	RKC 8T-*/S90 WKC 8T-*/S90	RSC 8T-*/S90 WSC 8T-*/S90	AWM TPU Grey, 8x24 AWG, 90°C, 5.7 mm OD, Cable #RF50984-*M†, Cut/Abrasion Immune	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
RKC 8T-*/S101 	RKC 8T-*/S101 WKC 8T-*/S101	RSC 8T-*/S101 WSC 8T-*/S101	AWM TPE Grey, 8x24 AWG, 105°C, 5.7 mm OD, Cable #RF50911-*M†, flexlife-20, High Flex Over 20 Million Cycles	
RKC 8T-*/S618 	RKC 8T-*/S618 WKC 8T-*/S618	RSC 8T-*/S618 WSC 8T-*/S618	AWM PVC Grey, 8x24 AWG Foil/Drain, 105°C, 5.7 mm OD, Cable #RF50815-*M†, RFI/EMI Shielding	
WSC ..** 	RKC 8T-*/S1555 WKC 8T-*/S1555	RSC 8T-*/S1555 WSC 8T-*/S1555	AWM PVC Black, 7x24 AWG Foil/Drain, 105°C, 5.1 mm OD, Cable #RF50761-*M†, RFI/EMI Shielding	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. Drain
	RKC 8.8T-* WKC 8.8T-*	RSC 8.8T-* WSC 8.8T-*	AWM PVC Grey, 8x24 AWG, 105°C, 5.7 mm OD, Cable #RF50753-*M†, flexlife	1. WH 2. GN 3. YE 4. GY 5. BN 6. PK 7. BU 8. RD

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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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



TURCK M12 eurofast® Connectivity**10-Wire Cordsets, "C" Style Medium Plug Body**

TURCK

makes.

Industrial

Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 10T-* WKC 10T-*	RSC 10T-* WSC 10T-*	AWM PVC Grey, 10x24 AWG, 105°C, 6.2 mm OD, Cable #RF51004-*M†, flexlife®	
WKC ..** 	RKC 10T-*/S90 WKC 10T-*/S90	RSC 10T-*/S90 WSC 10T-*/S90	AWM TPU Grey, 10x24 AWG, 90°C, 6.2 mm OD Cable #RF51005-*M†, Cut/Abrasion Immune	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN
RSC ..** 	RKC 10T-*/S101 WKC 10T-*/S101	RSC 10T-*/S101 WSC 10T-*/S101	AWM TPE Black, 10x24 AWG, 105°C, 7.0 mm OD, Cable #RF51077-*M†, flexLife-20, High Flex Over 20 Million Cycles	
WSC ..** 	RKC 10T-*/S618 WKC 10T-*/S618	RSC 10T-*/S618 WSC 10T-*/S618	AWM PVC Black, 10x24 AWG Foil/Drain, 105°C, 6.6 mm OD, Cable #RF51076-*M†, RFI/EMI Shielding	Male

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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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

12-Wire Cordsets, "C" Style Medium Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKC ..** 	RKC 12T-* WKC 12T-*	RSC 12T-* WSC 12T-*	AWM PVC Grey, 12x24 AWG, 105°C, 6.3 mm OD, Cable #RF50991-*M [†] , flexlife®	
WKC ..** 	RKC 12T-* /S90 WKC 12T-* /S90	RSC 12T-* /S90 WSC 12T-* /S90	AWM TPU Grey, 12x24 AWG, 90°C, 6.0 mm OD, Cable #RF50990-*M [†] , Cut/Abrasion Immune	
RSC ..** 	RKC 12T-* /S101 WKC 12T-* /S101	RSC 12T-* /S101 WSC 12T-* /S101	AWM TPE Black, 12x24 AWG, 105°C, 7.0 mm OD, Cable #RF50943-*M [†] , flexLife-20, High Flex Over 20 Million Cycles	
WSC .. 	RKC 12T-* /S618 WKC 12T-* /S618	RSC 12T-* /S618 WSC 12T-* /S618	AWM PVC Black, 12x24 AWG Foil/Drain, 105°C, 7.0 mm OD, Cable #RF50755-*M [†] , RFI/EMI Shielding	

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

** Standard coupling nut material is nickel plated brass "RKC .."; "RKCV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**3 and 4-Wire Cordsets, "L" Style Compact Plug Body**

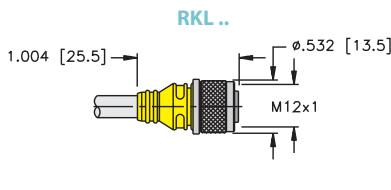
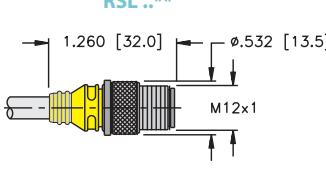
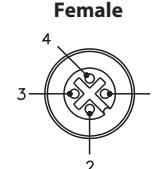
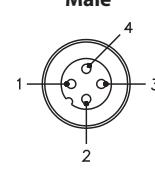
TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout	
 	RKL 4-*	RSL 4-*	AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF5028-*M [†] , flexlife	1. BN 2. N/C 3. BU 4. BK	 
	RKL 4-* / S90	RSL 4-* / S90	AWM TPU Grey, 3x22 AWG, 90°C, 5.1 mm OD, Cable #RF5018-*M [†] , Cut/Abrasion Immune		
	RKL 4.4-*	RSL 4.4-*	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF5016-*M [†] , flexlife		
	RKL 4.4-* / S90	RSL 4.4-* / S90	AWM TPU Grey, 4x22 AWG, 90°C, 5.1 mm OD, Cable #RF5032-*M [†] , Cut/Abrasion Immune		
	RKL 4.4-* / S715	RSL 4.4-* / S715	AWM PVC Yellow, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF5030-*M [†] , flexlife		

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

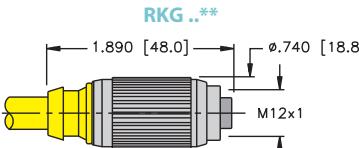
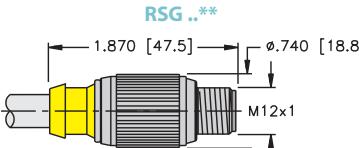
** Standard coupling nut material is nickel plated brass "RKL ..".

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

3 and 4-Wire Cordsets, "G" Style Large Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
 	RKG 4T-*	RSG 4T-*	ITC/PLTC PVC Yellow, 3x18 AWG, 105°C, 7.2 mm OD, Cable #RF50513-*M [†] , flexlife®, tray rated	1. BN 2. N/C 3. BU 4. BK
	RKG 4T-*/S600	RSG 4T-*/S600	SJOOW, CPE Yellow, 3x18 AWG, 105°C, 8.0 mm OD, Cable #RF50654-*M [†] , Weld Flash Immune, Flame Resistance	
	RKG 4.4T-*	RSG 4.4T-*	AWM PVC Yellow, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50579-*M [†] , flexlife	
	RKG 4.4T-*/S90	RSG 4.4T-*/S90	ITC/PLTC TPU Yellow, 4x18 AWG, 90°C, 7.2 mm OD, Cable #RF50544-*M [†] , Cut/Abrasion Immune	
	RKG 4.4T-*/S101/S849	RSG 4.4T-*/S101/S849	AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD, Cable #RF50941-*M [†] , flexlife-20, High Flex - Over 20 Million Cycles	
	RKG 4.4T-*/S101	RSG 4.4T-*/S101	AWM TPE Yellow, 4x18 AWG, 105°C, 6.4 mm OD, Cable #RF50968-*M [†] , flexlife-20, High Flex - Over 20 Million Cycles	
	RKG 4.4T-*/S529	RSG 4.4T-*/S529	TPU/Heavy Braid Double Jacket Yellow, 4x20 AWG, 90°C, 5.7 mm OD, Cable #RF50526-*M [†] , Cut/Abrasion Immune, Braided Mechanical Shield	
	RKG 4.4T-*/S1587	RSG 4.4T-*/S1587	ITC/PLTC TPE Yellow, 4x18 AWG, 105°C, 7.2 mm OD, Cable #RF50956-*M [†] , weldife, Weld Flash Immune	

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

** Standard coupling nut material is nickel plated brass "RKG .."; "RKGV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**4, 5 and 6-Wire Cordsets, "G" Style Large Plug Body**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC (6 pole)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	RKG 4.4T-*/S600	RSG 4.4T-*/S600	SJOOW, CPE Yellow, 4x18 AWG, 105°C, 8.5 mm OD, Cable #RF50644-*M [†] , Weld Flash Immune Flame Resistance	
	RKG 4.5T-*	RSG 4.5T-*	AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50543-*M [†] , flexlife®	
	RKG 4.5T-*/S90/S715	RSG 4.5T-*/S90/S715	AWM TPU Yellow, 5x18 AWG, 90°C, 7.2 mm OD, Cable #RF50751-*M [†] , Cut/Abrasion Immune	
	RKG 4.5T-*/S600	RSG 4.5T-*/S600	SJOOW CPE Yellow, 5x18 AWG, 105°C, 9.4 mm OD, Cable #RF50937-*M [†] , Weld Flash Immune, Flame Resistance	
	RKG 6T-*	RSG 6T-*	AWM PVC Grey, 6x24 AWG, 105°C, 5.1 mm OD, Cable #RF50608-*M [†] , flexlife	
	RKG 6T-*/S90	RSG 6T-*/S90	AWM TPU Grey, 6x24 AWG, 90°C, 5.7 mm OD, Cable #RF50646-*M [†] , Cut/Abrasion Immune	

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

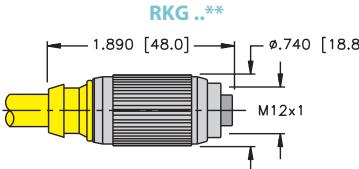
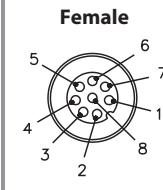
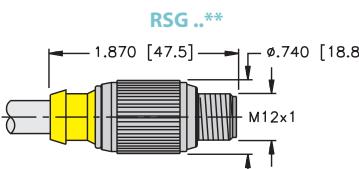
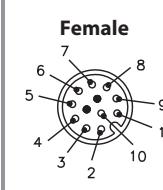
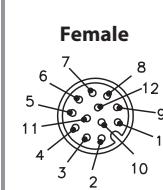
** Standard coupling nut material is nickel plated brass "RKG .."; "RKGV .." indicates stainless steel.

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

8, 10 and 12-Wire Cordsets, "G" Style Large Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
 RKG ..**	RKG 8T-*	RSG 8T-*	AWM PVC Grey, 8x24 AWG, 105°C, 5.7 mm OD, Cable #RF50753-*M [†] , flexlife UL Recognized, CSA Approved	
	RKG 8T-*/S90	RSG 8T-*/S90	AWM TPU Grey, 8x24 AWG, 90°C, 5.7 mm OD, Cable #RF50984-*M [†] , Cut/Abrasion Immune UL Recognized, CSA Approved	
 RSG ..**	RKG 10T-*	RSG 10T-*	AWM PVC Grey, 10x24 AWG, 105°C, 6.2 mm OD, Cable #RF51004-*M [†] , flexlife [*]	
	RKG 10T-*/S618	RSG 10T-*/S618	AWM PVC Black, 10x24 AWG, Foil/Drain, 105°C, 6.6 mm OD, Cable #RF51076-*M [†] , RFI/EMI Shielding	
 RKG ..**	RKG 12T-*	RSG 12T-*	AWM PVC Grey, 12x24 AWG, 105°C, 6.3 mm OD, Cable #RF50991-*M [†] , flexlife	
	RKG 12T-*/S618	RSG 12T-*/S618	AWM PVC Black, 12x24 AWG, Foil/Drain, 105°C, 7 mm OD, Cable #RF50755-*M [†] , RFI/EMI Shielding	

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

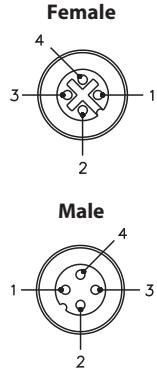
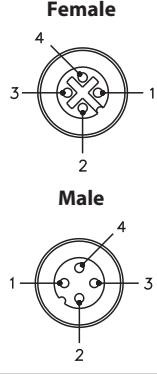
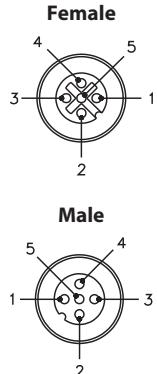
Standard coupling nut material is nickel plated brass "RKG .."; "RKGV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**3, 4 and 5-Wire Cordsets, "A" Style Extreme Duty Armored Plug Body - 18 AWG**

- Shield to Coupling Nut
- NEMA 1, 3, 4, 6P and IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKA ..	RKA 4A-*	RSA 4A-*	Interlock Al Armor, MC/ITC/PLTC, PVC Yellow, 3x18 AWG, 105°C, 13.5 mm OD, Cable #RF51040-*M [†] , Extreme Duty Armored Cable, Tray Rated	
RSA ..	RKA 4.4A-*	RSA 4.4A-*	Interlock Al Armor, MC/ITC/PLTC, PVC Yellow, 4x18 AWG, 105°C, 13.5 mm OD, Cable #RF51041-*M [†] , Extreme Duty Armored Cable, Tray Rated	
	RKA 4.5A-*	RSA 4.5A-*	Interlock Al Armor, MC PVC Yellow, 5x18 AWG, 90°C, 14.9 mm OD, Cable #RF51042-*M [†] , Extreme Duty Armored Cable	

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

** Standard coupling nut material is nickel plated brass "RKA .."; "RKAV .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**4, 5 and 6-Wire Cordsets, "S" Style, Shielded****euro
fast**

- Shield to Coupling Nut
- IEC IP 67 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 pole)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
<p>RKS ..**</p>	RKS 4.4T-* WKS 4.4T-*	RSS 4.4T-* WSS 4.4T-*	AWM PVC Grey, 4x22 AWG, 105°C, 7.2 mm OD, Cable #RF50729-*M†, RFI/EMI shielding	
	RKS 4.4T-* / S90 WKS 4.4T-* / S90	RSS 4.4T-* / S90 WSS 4.4T-* / S90	ITC/PLTC TPU Grey, 4x22 AWG, 105°C, 7.2 mm OD, Cable #RF50810-*M†, RFI/EMI shielding	
	RKS 4.4T-* / S824 WKS 4.4T-* / S824	RSS 4.4T-* / S824 WSS 4.4T-* / S824	ITC/PLTC PVC Grey, 4x22 AWG, 105°C, 7.2 mm OD, Cable #RF50823-*M†, RFI/EMI shielding, Tray rated	
<p>RSS ..**</p>	RKS 4.5T-* WKS 4.5T-*	RSS 4.5T-* WSS 4.5T-*	AWM PVC Grey, 5x22 AWG, 105°C, 6.6 mm OD, Cable #RF50713-*M†, RFI/EMI shielding	
<p>WSS ..**</p>	RKS 6T-* WKS 6T-*	RSS 6T-* WSS 6T-*	AWM PVC Grey, 6x24 AWG, 105°C, 6.6 mm OD, Cable #RF50814-*M†, RFI/EMI shielding	

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

** Standard coupling nut material is nickel plated brass "RKS .."; "RKS .." indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**8, 10 and 12-Wire Cordsets, "S" Style, Shielded**

TURCK

makes.

Industrial
Automation

- Shield to Coupling Nut
- IEC IP 67 Protection
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKS ..** 	RKS 8T-* WKS 8T-*	RSS 8T-* WSS 8T-*	AWM PVC Grey, 8x24 AWG, 105°C, 7.2 mm OD, Cable #RF50813-*M†, RFI/EMI shielding, UL Recognized, CSA Approved	Female Male
WKS ..** 	RKS 10T-* WKS 10T-*	RSS 10T-* WSS 10T-*	AWM PVC Grey, 10x24 AWG, 105°C, 7.2 mm OD, Cable #RF51006-*M†, RFI/EMI shielding	Female Male
RSS ..** 	RKS 12T-* WKS 12T-*	RSS 12T-* WSS 12T-*	AWM PVC Grey, 12x24 AWG, 105°C, 7.2 mm OD, Cable #RF50988-*M†, RFI/EMI shielding	Female Male
WSS ..** 	RKS 12T-* WKS 12T-*	RSS 12T-* WSS 12T-*	AWM PVC Grey, 12x24 AWG, 105°C, 7.2 mm OD, Cable #RF50988-*M†, RFI/EMI shielding	Female Male

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

** Standard coupling nut material is nickel plated brass "RKS .."; "RKSV .." indicates stainless steel..

3-Wire Cordsets with LEDs

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 10-30 VDC, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
	RKE 4T-*P7X2 WK 4T-*P7X2	RSE 4T-*P7X2	AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50528-*M† PNP Signal, flexlife®	
	RKE 4T-*N7X2 WK 4T-*N7X2		AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50528-*M† NPN Signal, flexlife	
	RKE 4T-*P7X2/S90 WK 4T-*P7X2/S90	RSE 4T-*P7X2/S90	AWM TPU Grey, 3x22 AWG, 90°C, 5.1 mm OD, Cable #RF50518-*M† PNP Signal, Cut/Abrasion Immune	
	RKE 4T-*N7X2/S90 WK 4T-*N7X2/S90		AWM TPU Grey, 3x22 AWG, 90°C, 5.1 mm OD, Cable #RF50518-*M† NPN Signal, Cut/Abrasion Immune	
	WK 4T-*P7X2/S101		AWM TPE Grey, 3x20 AWG, 105°C, 5.7 mm OD, Cable #RF50940-*M† PNP Signal, flexlife-20, High Flex - Over 20 Million Cycles	1. BN 2. NC 3. BU 4. BK
	WK 4T-*N7X2/S101			
	WK 4T-*P7X2/S618		ITC/PLTC PVC Grey, 3x20 AWG, 105°C, 5.7 mm OD Cable #RF50611-*M† PNP Signal, EMI/RFI Protection, tray rated	
	WK 4T-*N7X2/S618			
	RKE 4T-*P7X2/S715 WK 4T-*P7X2/S715	RSE 4T-*P7X2/S715	AWM PVC Yellow, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50674-*M† PNP Signal, Flexlife	
	RKE 4T-*N7X2/S715 WK 4T-*N7X2/S715		AWM PVC Yellow, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50674-*M† NPN Signal, Flexlife	
	RKE 4T-*P7X2/S824 WK 4T-*P7X2/S824	RSE 4T-*P7X2/S824	PLTC PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50829-*M† PNP Signal, Tray Rated	
	RKE 4T-*N7X2/S824 WK 4T-*N7X2/S824		PLTC PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF50829-*M† NPN Signal, Tray Rated	

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

** Standard coupling nut material is nickel plated brass "RKE..".

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

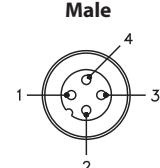
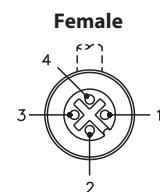
See page D88 for LED diagrams.

TURCK M12 eurofast® Connectivity**4-Wire Cordsets with LEDs****TURCK** *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 10-30 VDC, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
RKE ..** 	RKE 4.4T-**-P7X2 WK 4.4T-**-P7X2	RSE 4.4T-**-P7X2	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD Cable #RF50516-*M [†] PNP Signal, <i>flexlife</i> [®]	
WK ..** 	RKE 4.4T-**-N7X2 WK 4.4T-**-N7X2	RSE 4.4T-**-N7X2	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD Cable #RF50516-*M [†] NPN Signal, <i>flexlife</i> [®]	
RKE 4.4T-**-P7X2/S90 WK 4.4T-**-P7X2/S90 	RKE 4.4T-**-P7X2/S90 WK 4.4T-**-P7X2/S90	RSE 4.4T-**-P7X2/S90	AWM TPU Grey, 4x22 AWG, 90°C, 5.1 mm OD Cable #RF50532-*M [†] PNP Signal, Cut/Abrasion Immune	
RKE 4.4T-**-P7X2/S101 WK 4.4T-**-P7X2/S101 	RKE 4.4T-**-P7X2/S101 WK 4.4T-**-P7X2/S101	RSE 4.4T-**-P7X2/S101	AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD Cable #RF50941-*M [†] PNP Signal, <i>flexlife</i> -20, High Flex - Over 20 Million Cycles	1. BN 2. WH 3. BU 4. BK
WK 4.4T-**-N7X2/S101 	WK 4.4T-**-N7X2/S101		AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD Cable #RF50941-*M [†] NPN Signal, <i>flexlife</i> -20, High Flex - Over 20 Million Cycles	
RSE ..** 	RKE 4.4T-**-P7X2/XOR	RSE 4.4T-**-P7X2/XOR	AWM PVC Yellow, 4x20 AWG, 80°C, 250°C short term, 5.2 mm OD Cable, #RF50522-*M [†] , PNP Signal, Weld Flash Immune, High Temp. Immune	



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

** Standard coupling nut material is nickel plated brass "RKE ..".

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

4 and 5-Wire Cordsets with LEDs

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 10-30 VDC, 4 A



Connector Style	Female Part Number	Features	Pinout
RKE ..** WK ..** 	WK 4.4T-*P7X2/S618	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50577-*M†, PNP Signal, EMI/RFI Protection	 Female 1. BN 2. WH 3. BU 4. BK
	WK 4.4T-*N7X2/S618	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50577-*M†, NPN Signal, EMI/RFI Protection	
	WK 4.4T-*P7X2/S824	ITC/PLTC PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50698-*M†, PNP Signal, Tray Rated	
	WK 4.4T-*N7X2/S824	ITC/PLTC PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50698-*M†, NPN Signal, Tray Rated	
	WK 4.4T-*P7X2/XOR	PVC Yellow, 4x20 AWG, 80°C, 250°C short term, 5.2 mm OD, Cable #RF50522-*M†, PNP Signal, Weld Flash & High Temp. Immune	
	WK 4.4T-*N7X2/XOR	PVC Yellow, 4x20 AWG, 80°C, 250°C short term, 5.2 mm OD, Cable #RF50522-*M†, NPN Signal, Weld Flash & High Temp Immune	
	WK 4.5T-*P7X2	AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50543-*M†, PNP Signal, <i>flexlife</i>	1. BN 2. WH 3. BU 4. BK 5. GY
	RKE 4.5T-*P7X2	AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50543-*M†, PNP Signal, <i>flexlife</i>	 Female 1. BN 2. WH 3. BU 4. BK 5. GY

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

** Standard coupling nut material is nickel plated brass "WK .."; "WKV .." Indicates stainless steel.

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

TURCK M12 eurofast® Connectivity**4 and 5-Wire Cordsets with LEDs**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 10-30 VDC, 4 A



TURCK *works.*
Industrial
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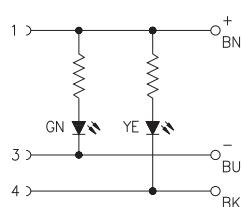
Connector Style	Female Part Number	Features	Pinout
<p>WK ..**</p>	WK 4.4T-* - P7X3	AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50516-*M [†] PNP Signal, <i>flexlife</i>	<p>Female</p>
	WK 4.4T-* - P7X3/S90	AWM TPU Grey, 4x22 AWG, 90°C, 5.1 mm OD, Cable #RF50532-*M [†] PNP Signal, Cut/Abrasion Immune	
	WK 4.4T-* - P7X3/S101	AWM TPE Grey, 4x22 AWG, 105°C, 5.7 mm OD, Cable #RF50941-*M [†] PNP Signal, <i>flexlife-20</i> , High Flex - Over 20 Million Cycles	
	WK 4.4T-* - P7X3/X0R	PVC Yellow, 4x20 AWG, 80°C, 250°C short term, 5.2 mm OD, Cable #RF04304-*M [†] PNP Signal, Weld Flash Immune, High Temp. Immune	

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

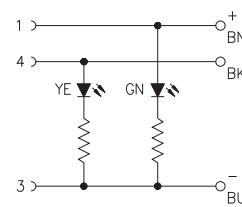
** Standard coupling nut material is nickel plated brass "WK .."; "WKV .." indicates stainless steel.

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

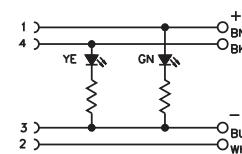
See page D88 for LED diagrams.

LED Diagrams**3-Wire NPN**

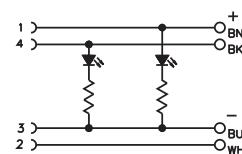
1. + Voltage (Green LED)
2. N/C
3. Common
4. Output (Yellow LED)

3-Wire PNP

1. + Voltage (Green LED)
2. NC
3. Common
4. Output (Yellow LED)

4-Wire PNP

1. + Voltage (Green LED)
2. Output
3. Common
4. Output (Yellow LED)

5-Wire PNP

1. + Voltage (Green LED)
2. Output
3. Common
4. Output (Yellow LED)
5. Ground

3 and 4-Wire Cordsets with and without LEDs, Rubber

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 10-30 VDC, 4 A



Connector Style	Female Part Number	Features	Pinout
 WKE .. **	WKE 4T-**-P7X2/S600	SJOOW CPE Yellow 3x18 AWG, 105°C 8.0 mm OD, Cable #RF50654-*M [†] PNP Signal, Weld Flash Immune, Flame Immune	1. BN 2. N/C 3. BU 4. BK
	WKE 4T-**-N7X2/S600	SJOOW CPE Yellow 3x18 AWG, 105°C, 8.0 mm OD, Cable #RF50654-*M [†] NPN Signal, Weld Flash Immune, Flame Immune	
 WKE .. **	WKE 4.4T-2-P7X3/S600	SJOOW CPE Yellow, 4x18 AWG, 105°C, 8.5 mm OD, Cable #RF50644-*M [†] PNP Signal, Weld Flash Immune, Flame Immune	1. BN 2. WH 3. BU 4. BK

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

** Standard coupling nut material is nickel plated brass.

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

See page D88 for LED diagrams.

TURCK M12 eurofast® Connectivity**8-Pin Kübler by TURCK Cordset with LEDs**

TURCK *works.*
Industrial
Automation

- For use with Kübler by TURCK's Incremental Encoders
- NEMA 1, 3, 4, 6P, and IEC IP68
- 5-30 VDC



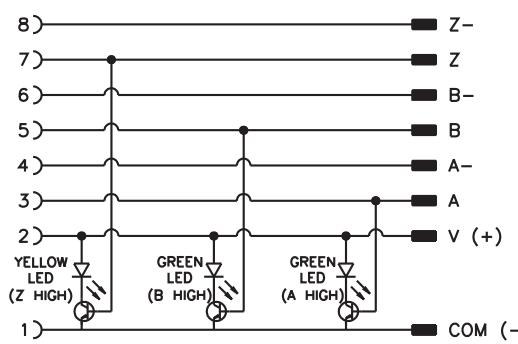
Connector Style	Female Part Number	Features	Pinout
E-WKC.. 	E-WKC 8T-PX3-930-*	AWM PVC, Black, 8x24 AWG, 105°C, 7.2 mm OD, Cable #RF50930-*M [†] , 3 indicator LEDs in translucent molded connector-for use with Kübler Incremental Encoders	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD

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

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

Standard coupling nut material is nickel plated brass "WKC.."; "WKCV.." indicates stainless steel.

Wiring Diagram



8-Pin Cordset with Encoder



Note: LEDs for indication of channels A, B and Z. Green LEDs indicate channels A and B, while amber is used for the index channel. LEDs can also be used during machine set-up for home position indication, and provide operational status of encoder output channels.

3 and 5-Wire Cordsets, Reverse Key (B-Code)**euro
fast**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
WAKW ..** 	WAKW 4T-*/S626 WWAKW 4T-*/S626	WASW 4T-*/S626 WWASW 4T-*/S626	AWM PVC Grey, 3x20 AWG, 105°C, 5.1 mm OD, Cable #RF20017-*M†, flexlife®	1. BN 2. BU 4. GN/YE
WWAKW ..** 	WAKW 4T-*/S821 WWAKW 4T-*/S821	WASW 4T-*/S821 WWASW 4T-*/S821	PVC Yellow, 3x18 AWG, 80°C, 250°C short term, 5.7 mm OD, Cable #RF04159-*M†, Weld Flash Immune, High Temp Immune	1. RD 2. RD/WH 4. GN
WASW ..** 	WAKW 4.5T-*/S101 WWAKW 4.5T-*/S101	WASW 4.5T-*/S101 WWASW 4.5T-*/S101	AWM PVC Grey, 4x22, 1x20 AWG, 105°C, 5.7 mm OD, Cable #RF50563-*M†, flexlife	1. BN 2. WH 3. BU 4. BK 5. GN/YE
WWASW ..** 	WAKW 4.5T-*/S618 WWAKW 4.5T-*/S618	WASW 4.5T-*/S618 WWASW 4.5T-*/S618	AWM AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50609-*M†, EMI/RFI Protection	1. BN 2. WH 3. BU 4. BK 5. GY
	WAKW 4.5T-*/S653 WWAKW 4.5T-*/S653	WASW 4.5T-*/S653 WWASW 4.5T-*/S653	AWM AWM PVC Grey, 4x22 AWG, 105°C, 5.1 mm OD, Cable #RF50577-*M†, EMI/RFI Protection	1. BN 2. WH 3. BU 4. BK 5. Drain

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

** Standard coupling nut material is nickel plated brass "WAKW.."; "WAKW.." indicates nylon and "WAKVW.." indicates stainless steel.

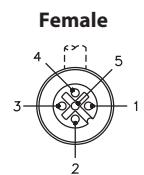
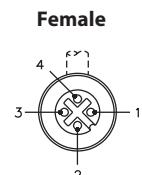
† See Section N for **reelfast®** cable information.

TURCK M12 eurofast® Connectivity**Spiral Cordsets, Standard Plug Body****TURCK**
makes.Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250V, 4 A



Connector Style	Female Part Number	Features	Pinout
RK ..-SP** 	RK 4T-3.3/S90-SP WK 4T-3.3/S90-SP	AWM TPU Grey, 3x22 AWG, 80°C, 5.1 mm OD, for repetitive motion 3-wire DC applications	1. BN 3. BU 4. BK
	RK 4.4T-3.3/S90-SP WK 4.4T-3.3/S90-SP	AWM TPU Grey, 4x22 AWG, 80°C, 5.1 mm OD, for repetitive motion 4-wire DC applications	1. BN 2. WH 3. BU 4. BK
	RK 4.4T-3/S90-SP/S669 WK 4.4T-3/S90-SP/S669	AWM TPU Black, 4x26 AWG, 80°C, 4.0 mm OD, for repetitive motion 4-wire DC applications, eurofast connector with picofast coil cord	1. BN 2. WH 3. BU 4. BK
WK ..-SP** 	RK 4.5T-3.3/S90-SP WK 4.5T-3.3/S90-SP	ITC/PLTC TPU Grey, 5x22 AWG, 105°C, 5.7 mm OD, for repetitive motion 5-wire DC applications	1. BN 2. WH 3. BU 4. BK 5. GY



* Length in meters. Standard cable length is 3.3 meters (**picofast** coil standard is 3 meters). Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass .. "RK(WK).."; "RKK(WKK).." indicates nylon and "RKV(WKV)" indicates 316 stainless steel.

Spiral Cordsets, Standard Plug Body

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Connector Style	Male Part Number	Features	Pinout
RS ..-SP** 	RS 4T-3.3/S90-SP WS 4T-3.3/S90-SP	AWM TPU Grey, 3x22 AWG, 80°C, 5.1 mm OD, for repetitive motion 3-wire DC applications	1. BN 3. BU 4. BK
WS ..-SP** 	RS 4.4T-3.3/S90-SP WS 4.4T-3.3/S90-SP	AWM TPU Grey, 4x22 AWG, 80°C, 5.1 mm OD, for repetitive motion 4-wire DC applications	1. BN 2. WH 3. BU 4. BK
	RS 4.4T-3/S90-SP/S669 WS 4.4T-3/S90-SP/S669	AWM TPU Black, 4x26 AWG, 80°C, 4.0 mm OD, for repetitive motion 4-wire DC applications, eurofast connector with picofast coil cord	1. BN 2. WH 3. BU 4. BK
	RS 4.5T-3.3/S90-SP WS 4.5T-3.3/S90-SP	ITC/PLTC TPU Grey, 5x22 AWG, 105°C, 5.7 mm OD, for repetitive motion 5-wire DC applications	1. BN 2. WH 3. BU 4. BK 5. GY

* Length in meters. Standard cable length is 3.3 meters (**picofast** coil standard is 3 meters). Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass .. "RS (WS..); "RSK (WSK..)" indicates nylon and "RSV (WSV)" indicates stainless steel.

TURCK M12 eurofast® Connectivity**Spiral Cordsets, "C" Style Medium Plug Body**

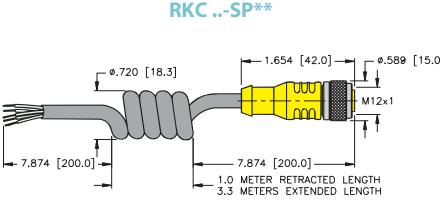
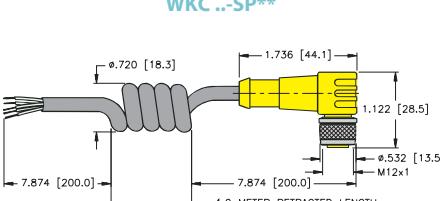
TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75VDC, 2A



Connector Style	Female Part Number	Features	Pinout
RKC ..-SP** 	RKC 6T-3.3/S90-SP WKC 6T-3.3/S90-SP	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, for repetitive motion 6-wire DC applications	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
WKC ..-SP** 	RKC 8.6T-3.3/S90-SP/CS10451 WKC 8.6T-3.3/S90-SP/CS10451	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, for repetitive motion 6-wire DC applications	1. WH 2. BK 3. PK 4. GY 5. BN 6. N/C 7. BU 8. N/C

* Length in meters. Standard cable length is 3.3 meters. Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass .. "RKC(WKC).."; "RKCV(WKCV)" indicates stainless steel.

TURCK M12 eurofast® Connectivity**Spiral Cordsets, "C" Style Medium Plug Body**

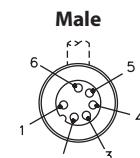
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75VDC, 2 A



Connector Style	Male Part Number	Features	Pinout
RSC ..-SP** 	RSC 6T-3.3/S90-SP WSC 6T-3.3/S90-SP	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, for repetitive motion 6-wire DC applications	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
WSC ..-SP** 	RSC 8.6T-3.3/S90-SP/CS10451 WSC 8.6T-3.3/S90-SP/CS10451	AWM TPU Black, 6x24 AWG, 90°C, 5.7 mm OD, for repetitive motion 6-wire DC applications	1. WH 2. BK 3. PK 4. GY 5. BN 6. N/C 7. BU 8. N/C

* Length in meters. Standard cable length is 3.3 meters. Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass .. "RSC(WSC).."; "RSCV(WSCV)" indicates stainless steel.



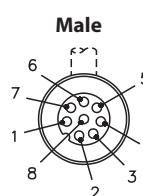
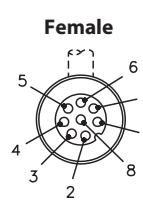
TURCK M12 eurofast® Connectivity**8-Pin Kübler by TURCK Cordsets****TURCK** makes.

Industrial Automation

- For use with Kübler by TURCK's Incremental Encoders
- NEMA 1, 3, 4, 6P
- IEC IP68
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
E-RKC.. 	E-RKC 8T-930-* E-WKC 8T-930-*	E-RSC 8T-930-* E-WSC 8T-930-*	AWM PVC Black, 8x24 AWG, 105°C, 7.2 mm OD, Cable #RF50930-*M [†] , Differential Mode Applications, RFI/EMI Protection	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
E-WKC.. 	E-RKC 8T-930-* /S1115 E-WKC 8T-930-* /S1115	E-RSC 8T-930-* /S1115 E-WSC 8T-930-* /S1115	AWM PVC Black, 8x24 AWG, 105°C, 7.2 mm OD, Cable #RF50930-*M [†] , Single Ended Mode Applications, RFI/EMI Protection	1. WH 2. BN 3. GN 4. N/C 5. GY 6. N/C 7. BU 8. N/C
E-RSC.. 				
E-WSC.. 	E-RKC 8T-264-* E-WKC 8T-264-*	E-RSC 8T-264-* E-WSC 8T-264-*	AWM PVC Black, 8x24 AWG, 4 STP, 105°C, 6.6 mm OD, Cable #RF51264-*M [†] , Differential Mode Applications, RFI/EMI Protection	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD



* Length in meters. Standard cable lengths are 2, 5, 10 and 15 meters. Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass "E-RKC../E-WKC../E-RKS../E-WKS.."; "E-RKCV../E-WKCV../E-RKSV../E-WKSV.." indicates stainless steel.

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

STP = Shielded twisted pair.

8-Pin Kübler by TURCK Cordsets

- For use with Kübler by TURCK's Incremental Encoders
- IEC IP67
- 60 VAC/75 VDC, 2 A



Connector Style	Female Part Number	Male Part Number	Features	Pinout
E-RKS.. 				
E-RSS.. 	E-RKS 8T-930-* E-WKS 8T-930-*	E-RSS 8T-930-* E-WSS 8T-930-*	AWM PVC Black 8x24 AWG 105°C 7.2 mm OD Cable #RF50930-*M [†] Differential Mode Applications, Shield Tied to Coupling Nut, RFI/EMI Protection	Female 1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
E-WKS.. 				Male 6 7 5 1 8 2 3 4
E-WSS.. 	E-RKS 8T-264-* E-WKS 8T-264-*	E-RSS 8T-264-* E-WSS 8T-264-*	AWM PVC Black, 8x24 AWG, 4 STP, 105°C, 6.6 mm OD, Cable #RF51264-*M [†] , Differential Mode Applications, RFI/EMI Protection	

* Length in meters. Standard cable lengths are 2, 5, 10 and 15 meters. Consult factory for other lengths.

** Standard coupling nut material is nickel plated brass "E-RKC../E-WKC../E-RKS../E-WKS.."; "E-RKCV../E-WKCV../E-RKSV../E-WKSV.." indicates stainless steel.

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

STP

= Shielded twisted pair.

TURCK M12 eurofast® Connectivity**3, 4, 5 and 6-Wire Washdown Cordsets****TURCK**
WashdownIndustrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- Polypropylene Contact Holder, Mold Material and Cable Jacket
- High chemical solvent resistance, high tensile strength

Connector Style	Female Part Number	Male Part Number	Features	Pinout
WD-RKCV.. 	WD-RKCV 4T-* WD-WKCV 4T-*	WD-RSCV 4T-* WD-WSCV 4T-*	PP White, 3x20 AWG 105°C, 250 V, 4 A 5.1 mm OD, Cable #RF51440-*M	1. BN 2. N/C 3. BU 4. BK
WD-WKCV.. 	WD-RKCV 4.4T-* WD-WKCV 4.4T-*	WD-RSCV 4.4T-* WD-WSCV 4.4T-*	PP White, 4x22 AWG 105°C, 250 V, 4 A 4.4 mm OD, Cable #RF51359-*M	1. BN 2. WH 3. BU 4. BK
WD-RSCV.. 	WD-RKCV 4.5T-* WD-WKCV 4.5T-*	WD-RSCV 4.5T-* WD-WSCV 4.5T-*	PP White, 5x22 AWG 105°C, 250 V, 4 A 4.5 mm OD Cable #RF51466-*M	1. BN 2. WH 3. BU 4. BK 5. GY
WD-WSCV.. 	WD-RKCV 6T-* WD-WKCV 6T-*	WD-RSCV 6T-* WD-WSCV 6T-*	PP White, 6x24 AWG 105°C, 60 VAC/75 VDC, 2 A 4.5 mm OD Cable #RF51467-*M	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters. Consult factory for other lengths.
Standard coupling nut material is stainless steel.

TURCK M12 eurofast® Connectivity**8, 10 and 12-Wire Washdown Cordsets**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- Polypropylene Contact Holder, Mold Material and Cable Jacket
- High chemical solvent resistance, high tensile strength



Connector Style	Female Part Number	Male Part Number	Features	Pinout
WD-RKCV.. 	WD-RKCV 8T-* WD-WKCV 8T-*	WD-RSCV 8T-* WD-WSCV 8T-*	PP White, 8x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, 5.1 mm OD, Cable #RF51465-*M	
WD-WKCV.. 				
WD-RSCV.. 	WD-RKCV 10T-* WD-WKCV 10T-*	WD-RSCV 10T-* WD-WSCV 10T-*	PP White, 10x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, 5.7 mm OD, Cable #RF51602-*M	
WD-WSCV.. 	WD-RKCV 12T-* WD-WKCV 12T-*	WD-RSCV 12T-* WD-WSCV 12T-*	PP White, 12x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, 5.7 mm OD, Cable #RF51464-*M	

* Length in meters. Standard cable lengths are 2, 4, 5, 6, 8 and 10 meters. Consult factory for other lengths.
Standard coupling nut material is stainless steel.

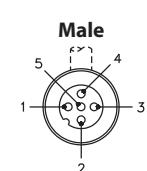
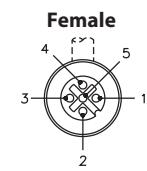
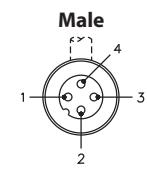
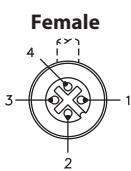
M12 eurofast® Connectivity

3, 4 and 5-Wire True Torque Cordsets

- Integrated Torque Control System
- IEC IP67
- 250 V, 4 A (3 & 4-wires) 60 V, 4 A (5-wire)



Connector Style	Female Part Number	Male Part Number	Features	Pinout
NM-RKC.. 	NM-RKC 4T-* /S849 NM-WKC 4T-* /S849	NM-RSC 4T-* /S849 NM-WSC 4T-* /S849	PVC Grey, 3x22 AWG, 80°C, 5.2 mm OD	1. BN 2. N/C 3. BU 4. BK
NM-WKC.. 	NM-RKC 4T-* /S90 /S849 NM-WKC 4T-* /S90 /S849	NM-RSC 4T-* /S90 /S849 NM-WSC 4T-* /S90 /S849	TPU Grey, 3x22 AWG, 80°C, 5.2 mm OD	1. BN 2. N/C 3. BU 4. BK
NM-RSC.. 	NM-RKC 4.4T-* /S90 /S849 NM-WKC 4.4T-* /S90 /S849	NM-RSC 4.4T-* /S90 /S849 NM-WSC 4.4T-* /S90 /S849	PVC Grey, 4x22 AWG, 80°C, 5.2 mm OD	1. BN 2. WH 3. BU 4. BK
NM-WSC.. 	NM-RKC 4.5T-* /S849 NM-WKC 4.5T-* /S849	NM-RSC 4.5T-* /S849 NM-WSC 4.5T-* /S849	TPU Grey, 4x22 AWG, 80°C, 5.2 mm OD	1. BN 2. WH 3. BU 4. BK 5. GY
	NM-RKC 4.5T-* /S90 /S849 NM-WKC 4.5T-* /S90 /S849	NM-RSC 4.5T-* /S90 /S849 NM-WSC 4.5T-* /S90 /S849	PVC Grey, 5x22 AWG, 80°C, 5.2 mm OD	1. BN 2. WH 3. BU 4. BK 5. GY
	NM-RKC 4.5T-* /S90 /S849 NM-WKC 4.5T-* /S90 /S849	NM-RSC 4.5T-* /S90 /S849 NM-WSC 4.5T-* /S90 /S849	TPU Grey, 5x22 AWG, 80°C, 5.2 mm OD	1. BN 2. WH 3. BU 4. BK 5. GY



* Length in meters. Standard cable lengths are 2, 5, and 10 meters. Consult factory for other lengths.
Standard coupling nut material is nickel-plated brass/nylon combination.

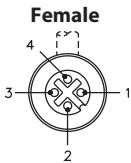
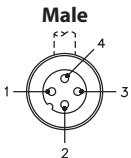
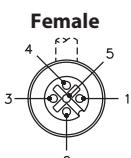
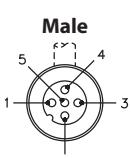
M12 eurofast® Connectivity

4 and 5-Wire S12 eurofast® Quick-Connect™ Cordsets



- Straight and Right Angle Female Connectors
- IEC IP 67 Protection
- 250 V, 4 A
- Nylon Coupling Nut



Housing Style	Female Part Number	Male Part Number	Features	Pinout
RKC..				 
WKC..	RKC 4.4Q-* /S849 WKC 4.4Q-* /S849	RSC 4.4Q-* /S849 WSC 4.4Q-* /S849	AWM PVC Grey, 4x22 AWG, 105°C, 5.2 mm OD, Cable #RF50516-*M†, quick-connect coupling	1. BN 2. WH 3. BU 4. BK
RSC..				 
WSC..	RKC 4.5Q-* /S849 WKC 4.5Q-* /S849	RSC 4.5Q-* /S849 WSC 4.5Q-* /S849	AWM PVC Grey, 5x22 AWG, 105°C, 5.7 mm OD, Cable #RF50543-*M†, quick-connect coupling	1. BN 2. WH 3. BU 4. BK 5. GY

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

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

Mounting Style	Image	Panel Thread Types	Page
Front Mount		PG9 1/4-18 NPT 1/2-14 NPSM 1/2-14 NPT M20 PG16 PG13.5 PG9 w/Rotating Coupling 1/4-18 w/Solder Cups PG9 w/Solder Cups PG9 Reverse Key	D48 D51 D52 D54 D57 D59 D60 D61 D62 D63 D77
Rear Mount		PG9 w/Leads PG9 w/Solder Cups PG9 Reverse Key Back Panel Mount	D66 D68 D79 D81
PCB Mount		PG9 w/PCB Pins PG9 PCB w/Header Pins PG9 Circuit Board Mounted	D72 D73 D76

2, 4 and 5-Wire Receptacles, Front Mount, PG 9 Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.2 mm.</p>	FK 4.2-*	FS 4.2-*	2x22 AWG, 105°C, mates with 2-pin Cordsets	1. N/C 2. N/C 3. BN 4. BU
	FK 4.21-*	FS 4.21-*	2x22 AWG, 105°C, mates with 2-pin Cordsets	1. BN 2. BU 3. N/C 4. N/C
	FK 4.22-*	FS 4.22-*	2x22 AWG, 105°C, mates with 2-pin Cordsets	1. BN 2. N/C 3. BU 4. N/C
	FK 4.4-*	FS 4.4-*	4x22 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.4-* /S613	FS 4.4-* /S613	4x18 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.4-* /S621	FS 4.4-* /S621	4x18 AWG, 105°C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4
	FK 4.5-*	FS 4.5-*	5x22 AWG, 105°C, mates with 5-pin Cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.5-* /S627	FS 4.5-* /S627	5x20 AWG, 105°C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY
<p>Typical panel cutout is 15.2 mm.</p>	FK 4.5-* /S653	FS 4.5-* /S653	4x22 AWG, Drain, 105°C, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil shielded with drain wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain
	FKN 5-*	FSN 5-*	5x22 AWG, 105°C	1. GN 2. WH 3. OG 4. BK 5. RD

* Length in meters. Standard Lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**6 and 8-Wire Receptacles, Front Mount, PG 9 Threads**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 15.2 mm.	FK 4.6-*	FS 4.6-*	6x22 AWG, 105°C, 250 V, 4 A Mates with 6-pin Cordsets	
 Typical panel cutout is 15.2 mm.	FK 6-*	FS 6-*	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A Mates with 6-pin Cordsets	
 Typical panel cutout is 15.2 mm.	FK 8-*	FS 8-*	8x24 AWG, 105°C, 60 VAC/75 VDC, 2 A Mates with 8-pin Cordsets	
	FK 8.6-*	FS 8.6-*	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A Mates with 8-pin Cordsets	

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

10 and 12-Wire Receptacles, Front Mount, PG 9 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 15.2 mm.	FK 10-*	FS 10-*	10x24 AWG, 105°C, mates with 10-pin Cordsets	Female Male
 Typical panel cutout is 15.2 mm.	FK 12-*	FS 12-*	12x24 AWG, 105°C, mates with 12-pin Cordsets	Female Male

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.", "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**4 and 5-Wire Receptacles, Front Mount, 1/4-18 NPT Threads**

TURCK

makes.

Industrial

Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. */18.25 	FK 4.4-*/18.25	FS 4.4-*/18.25	UL, CSA, 4x22 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.4-*/18.25/S613	FS 4.4-*/18.25/S613	UL, CSA, 4x18 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.4-*/18.25/S621	FS 4.4-*/18.25/S621	UL, CSA, 4x18 AWG, 105°C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4
FS .. 18.25 	FK 4.5-*/18.25	FS 4.5-*/18.25	UL, CSA, 5x22 AWG, 105°C, mates with 5-pin Cordsets	1. BN 2. WH 3. BU 4. BK
	FK 4.5-*/18.25/S627	FS 4.5-*/18.25/S627	UL, CSA, 5x20 AWG, 105°C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY
	FK 4.5-*/18.25/S653	FS 4.5-*/18.25/S653	UL, CSA, 4x22 AWG, Drain, 105°C, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil shielded with drain wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain
	FK 4.5-*/18.25/S621	FS 4.5-*/18.25/S621	UL, CSA, 5x18 AWG, 105°C, mates with 5-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4 5. GY5

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

6 and 8-Wire Receptacles, Front Mount, 1/4-18 NPT Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout																								
FK .. */18.25 Typical panel cutout is 14.3 mm.	FK 4.6-*/18.25	FS 4.6-*/18.25	6x22 AWG, 105°C, 250 V, 2 A, Mates with 6-pin Cordsets	<p>Female</p> <table> <tr><td>5</td><td>6</td></tr> <tr><td>4</td><td>1</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>1</td><td></td></tr> </table> <p>Male</p> <table> <tr><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>1</td><td>2</td></tr> </table>	5	6	4	1	3	2	1		6	5	4	3	1	2										
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FS ..18.25 Typical panel cutout is 14.3 mm.	FK 6-*/18.25	FS 6-*/18.25	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, Mates with 6-pin Cordsets	<p>Female</p> <table> <tr><td>5</td><td>6</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>2</td><td>1</td></tr> </table> <p>Male</p> <table> <tr><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>1</td><td>2</td></tr> </table>	5	6	4	3	3	2	2	1	6	5	4	3	1	2										
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	FK 8-*/18.25	FS 8-*/18.25	8x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, Mates with 8-pin Cordsets	<p>Female</p> <table> <tr><td>5</td><td>6</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>2</td><td>1</td></tr> <tr><td>7</td><td>8</td></tr> </table> <p>Male</p> <table> <tr><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>1</td><td>2</td></tr> <tr><td>8</td><td>7</td></tr> </table>	5	6	4	3	3	2	2	1	7	8	6	5	4	3	1	2	8	7						
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	FK 8-*/18.25/S1505	FS 8-*/18.25/S1505	8x26 AWG, 105°C, 60 VAC/75 VDC, 2 A, Mates with 8-pin Cordsets	<p>Female</p> <table> <tr><td>5</td><td>6</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>2</td><td>1</td></tr> <tr><td>7</td><td>8</td></tr> <tr><td>6</td><td>5</td></tr> <tr><td>5</td><td>4</td></tr> <tr><td>4</td><td>3</td></tr> </table> <p>Male</p> <table> <tr><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>1</td><td>2</td></tr> <tr><td>8</td><td>7</td></tr> </table>	5	6	4	3	3	2	2	1	7	8	6	5	5	4	4	3	6	5	4	3	1	2	8	7
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	FK 8.6-*/18.25	FS 8.6-*/18.25	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, Mates with 8-pin Cordsets	<p>Female</p> <table> <tr><td>5</td><td>6</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>2</td><td>1</td></tr> <tr><td>7</td><td>8</td></tr> <tr><td>6</td><td>5</td></tr> <tr><td>5</td><td>4</td></tr> <tr><td>4</td><td>3</td></tr> </table> <p>Male</p> <table> <tr><td>6</td><td>5</td></tr> <tr><td>4</td><td>3</td></tr> <tr><td>1</td><td>2</td></tr> <tr><td>8</td><td>7</td></tr> </table>	5	6	4	3	3	2	2	1	7	8	6	5	5	4	4	3	6	5	4	3	1	2	8	7
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* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**10 and 12-Wire Receptacles, Front Mount, 1/4-18 NPT Threads**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. */18.25 Typical panel cutout is 14.3 mm.	FK 10-*/18.25	FS 10-*/18.25	10x24 AWG, 105°C, mates with 10-pin cordsets	Female Male
FS ..18.25 Typical panel cutout is 14.3 mm.	FK 12-*/18.25	FS 12-*/18.25	12x24 AWG, 105°C, mates with 12-pin Cordsets	Female Male

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

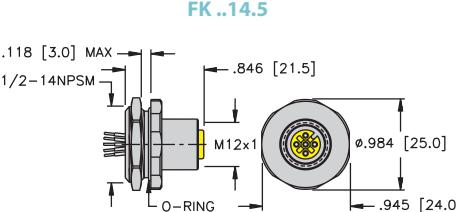
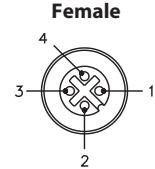
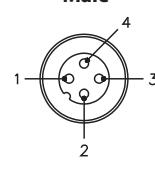
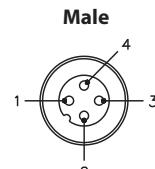
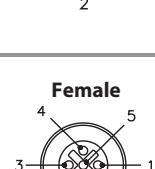
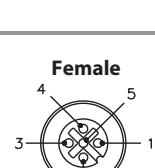
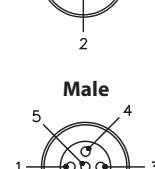
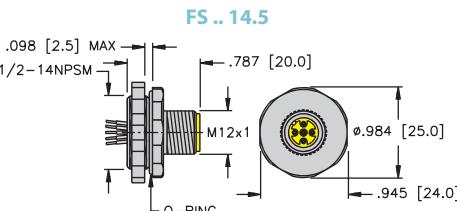
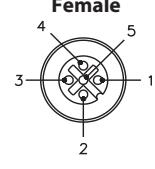
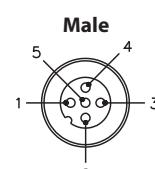
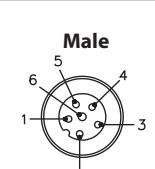
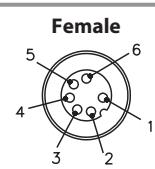
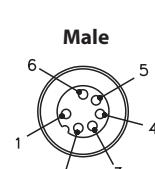
Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

4, 5, and 6-Wire Receptacles, Front Mount, 1/2-14 NPSM Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK ..14.5  Typical panel cutout is 21 mm.	FK 4.4-* /14.5	FS 4.4-* /14.5	4x22 AWG, 105°C, 250 VAC/ 300 VDC, 4 A, mates with 4-pin cordsets	<p>Female</p>  <p>Male</p> 
	FK 4.4-* /14.5/S613	FS 4.4-* /14.5/S613	4x18 AWG, 105°C, 250 VAC/VDC, 4 A, mates with 4-pin cordsets	<p>Female</p>  <p>Male</p> 
	FK 4.4-* /14.5/S621	FS 4.4-* /14.5/S621	4x18 AWG, 105°C, 250 VAC/300 VDC, 4 A, mates with 4-pin cordsets	<p>Female</p>  <p>Male</p> 
FS ..14.5  Typical panel cutout is 21 mm.	FK 4.5-* /14.5	FS 4.5-* /14.5	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordsets	<p>Female</p>  <p>Male</p> 
	FK 4.6-* /14.5	FS 4.6-* /14.5	6x22 AWG, 105°C, 250 V, 4 A, mates with 6-pin cordsets	<p>Male</p> 
	FK 6-* /14.5	FS 6-* /14.5	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	<p>Female</p>  <p>Male</p> 

* Length in meters. Standard cable length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**8, 10 and 12-Wire Receptacles, Front Mount, 1/2-14 NPSM Threads****TURCK** *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK ..14.5 	FK 8-*/14.5	FS 8-*/14.5	8x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	Female Male
	FK 8.6-*/14.5	FS 8.6-*/14.5	CSA, 6x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	Female Male
	FK 10-*/14.5	FS 10-*/14.5	10x24 AWG, 105°C, mates with 10-pin Cordsets	Female Male
FS .. 14.5 	FK 12-*/14.5	FS 12-*/14.5	12x24 AWG, 105°C, mates with 12-pin cordsets	Female Male

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

2 and 4-Wire Receptacles, Front Mount, 1/2-14 NPT Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout	
FK .. 14.5/NPT Typical panel cutout is 22.5 mm.	FK 4.2-* /14.5/NPT	FS 4.2-* /14.5/NPT	2x22 AWG, 105°C, mates with 2-pin cordsets	1. N/C 2. N/C 3. BN 4. BU	
	FK 4.22-* /14.5/NPT	FS 4.22-* /14.5/NPT	2x22 AWG, 105°C, mates with 2-pin cordsets	1. BN 2. N/C 3. BU 4. N/C	
FS .. 14.5/NPT Typical panel cutout is 22.5 mm.	FK 4.4-* /14.5/NPT	FS 4.4-* /14.5/NPT	4x22 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	
	FK 4.4-* /14.5/NPT/S613	FS 4.4-* /14.5/NPT/S613	4x18 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

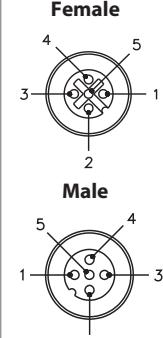
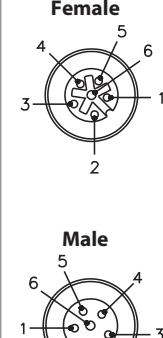
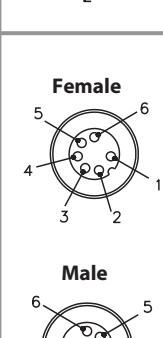
Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**5 and 6-Wire Receptacles, Front Mount, 1/2-14 NPT Threads**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. 14.5/NPT Typical panel cutout is 22.5 mm.	FK 4.5-*/14.5/NPT	FS 4.5-*/14.5/NPT	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordsets	 Female 1. BN 2. WH 3. BU 4. BK 5. GY
FS ..14.5/NPT Typical panel cutout is 22.5 mm.	FK 4.6-*/14.5/NPT	FS 4.6-*/14.5/NPT	6x22 AWG, 105°C, 250 V, 4 A, mates with 6-pin cordsets	 Female 1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	FK 6-*/14.5/NPT	FS 6-*/14.5/NPT	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	 Male 1. BN 2. WH 3. BU 4. BK 5. GY 6. PK

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

8, 10 and 12-Wire Receptacles, Front Mount, 1/2-14 NPT Threads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. 14.5/NPT 	FK 8-* /14.5/NPT	FS 8-* /14.5/NPT	8x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	 Female 1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
	FK 8.6-* /14.5/NPT	FS 8.6-* /14.5/NPT	6x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	 Male 1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C
FS .. 14.5/NPT 	FK 10-* /14.5/NPT	FS 10-* /14.5/NPT	10x24 AWG, 105°C, mates with 10-pin cordsets	 Female 1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN
	FK 12-* /14.5/NPT	FS 12-* /14.5/NPT	12x24 AWG, 105°C, mates with 12-pin cordsets	 Male 1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT

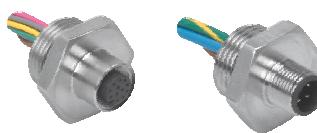
* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**4, 5 and 6-Wire Receptacles, Front Mount, M20 Threads**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>FK ..//M20</p> <p>Typical panel cutout is 20.4 mm.</p>	FK 4.4-*//M20	FS 4.4-*//M20	4x22 AWG, 105°C, 250 V, 4 A, mates with 4-pin cordsets	Female Male
<p>FS ..//M20</p> <p>Typical panel cutout is 20.4 mm.</p>	FK 4.5-*//M20	FS 4.5-*//M20	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordsets	Female Male
	FK 6-*//M20	FS 6-*//M20	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	Female Male

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

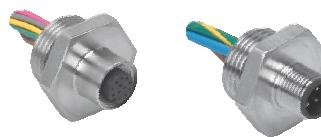
Standard housing material is nickel plated brass "FS..", "FSV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

8, 10 and 12-Wire Receptacles, Front Mount, M20 Threads



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
	FK 8-* /M20	FS 8-* /M20	8x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	<p>Female</p> <p>Male</p>
	FK 8.6-* /M20	FS 8.6-* /M20	6x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	<p>Female</p> <p>Male</p>
	FK 10-* /M20	FS 10-* /M20	10x24 AWG, 105°C, mates with 10-pin cordsets	<p>Female</p> <p>Male</p>
	FK 12-* /M20	FS 12-* /M20	12x24 AWG, 105°C, mates with 12-pin cordsets	<p>Female</p> <p>Male</p>

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.
Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.
To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**4, 5, 6, 8, 10 and 12-Wire Receptacles, Front Mount, PG 16 Threads**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Male Part Number	Features	Pinout
	FS 4.4-*/PG16	4x22 AWG, 105°C, 250 V, 4 A, mates with 4-pin cordset, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK
	FS 4.5-*/PG16	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordset, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY
	FS 6-*/PG16	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordset, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
<p>FS ..-/PG16</p> <p>Typical panel cutout is 22.5 mm.</p>	FS 8-*/PG16	8x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordset, UL Recognized, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
	FS 8.6-*/PG16	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordset, UL Recognized, CSA Approved	1. WH 2. GN 3. YE 4. GY 5. BN 6. N/C 7. BU 8. N/C
	FS 10-*/PG16	10x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 10-pin cordset	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN
	FS 12-*/PG16	12x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 12-pin cordset	1. WH 7. BU 2. BN 8. RD 3. GN 9. OG 4. YE 10. TN 5. GY 11. BK 6. PK 12. VT

TURCK M12 eurofast® Connectivity**4 and 5-Wire Receptacles, Front Mount, PG 13.5 Threads**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Male Part Number	Features	Pinout
	FS 4.4-* /PG13.5	4x22 AWG, 105°C, 250 V, 4 A, mates with 4-pin cordsets, PG 13.5 Threads, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK
	FS 4.5-* /PG13.5	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordsets, PG 13.5 Threads, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY
	FS 6-* /PG13.5	6x22 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads, UL Recognized, CSA Approved	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
FS ..PG13.5 Typical panel cutout is 20.4 mm.	FS 8-* /PG13.5	8x22 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads, UL Recognized, CSA Approved	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD
	FS 10-* /PG13.5	10x22 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN
	FS 12-* /PG13.5	12x22 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 4-pin cordsets, PG 13.5 Threads	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD 9. OG 10. TN 11. BK 12. VT

TURCK M12 eurofast® Connectivity**4, 5, 6 and 8-Wire Receptacles, with Rotating Coupling Nut**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Features	Pinout
	FKM 4.4-*	4x22 AWG, 105°C, 250 V, 4 A, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FKM 4.5-*	5x22 AWG, 105°C, 250 V, 4 A, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY
	FKM 4.5-*/S653	4x22 AWG, Drain, 105°C, 250 V, 4 A, 5.1 mm OD, mates with 5-pin cordsets, 4 conductors PVC foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain
	FKM ..-*	6x22 AWG, 105°C, 250 V, 2 A Mates with 6-pin Cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	FKM 6-*	6x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK
	FKM 8-*	8x24 AWG, 105°C, 60 VAC/75 VDC, 2 A, mates with 8-pin cordsets	1. WH 2. BN 3. GN 4. YE 5. GY 6. PK 7. BU 8. RD

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

4 and 5-Pin Receptacles, Front Mount, Leads and Solder Cups



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK ..18.25 Typical panel cutout is 14.3 mm.	FK 4.4/18.25	FS 4.4/18.25	105°C, Solder Cup, mates with 4-pin cordsets, 1/4 inch 18NPT Threads	Female
FS ..18.25 Typical panel cutout is 14.3 mm.				Male

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**4 and 5-Pin Receptacles, Front Mount, Leads and Solder Cups**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. Typical panel cutout is 15.2 mm.	FK 4.4	FS 4.4	105°C, Solder Cup, mates with 4-pin cordsets, PG 9 Threads	
FS .. Typical panel cutout is 15.2 mm.	FK 4.5	FS 4.5	105°C, Solder Cup, 250 V, 4 A, mates with 5-pin cordsets, PG 9 Threads	
FS .. /14.5 Typical panel cutout is 21 mm.	FS 4.4/14.5		105°C, Solder Cup, 250 V, 4 A, mates with 4-pin cordsets, 1/2-14NPSM Threads	
		FS 4.5/14.5	105°C, Solder Cup, 250 V, 4 A, mates with 5-pin cordsets, 1/2-14NPSM Threads	

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.
 Standard housing material is nickel plated brass "FS.."; "FSV.." indicates stainless steel.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

4, 5 and 6-Wire Receptacles, with Front Lock Nut

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 15.2 mm	FKD 4.4-*	FSD 4.4-*	4x22 AWG, 105°C, mates with 4-pin cordsets	
 Typical panel cutout is 15.2 mm	FKD 4.5-*	FSD 4.5-*	5x22 AWG, 105°C, mates with 5-pin cordsets	
 Typical panel cutout is 15.2 mm	FKD 4.5-*/S653	FSD 4.5-*/S653	4x22 AWG, Drain, 105°C, 5.1 mm OD, mates with 5-pin cordsets, 4 Conductors PVC foil Shielded with Drain Wire to pin 5	
	FKD 6-*	FSD 6-*	6x24 AWG, 105°C, mates with 6-pin cordsets	

* Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths.
 Standard housing material is nickel plated brass "FSD.."; "FSDV.." indicates 316 stainless steel.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**8, 10 and 12-Wire Receptacles, with Front Lock Nut**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.2</p>	FKD 8-*	FSD 8-*	8x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	Female Male
<p>Typical panel cutout is 15.2</p>	FKD 10-*	FSD 10-*	10x24 AWG, 105°C, mates with 10-pin cordsets	Female Male
	FKD 12-*	FSD 12-*	12x24 AWG, 105°C, mates with 12-pin cordsets	Female Male

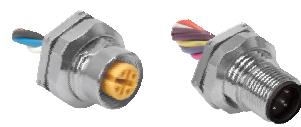
* Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FSD..", "FSDV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

4 and 5-Wire Receptacles, Rear Mount with Leads

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2A (6 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout	
FKFD .. Typical panel cutout is 15.3 x 14 mm.	FKFD 4.4-*	FSFD 4.4-*	4x22 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK	
	FKFD 4.4-*/S621	FSFD 4.4-*/S621	4x18 AWG, 105°C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4	
FSFD ..* Typical panel cutout is 15.3 x 14 mm.	FKFD 4.5-*	FSFD 4.5-*	5x22 AWG, 105°C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY	
	FKFD 4.5-2/S653	FSFD 4.5-2/S653	4x22 AWG, Drain, 105°C, 5.1 mm OD, mates with 5-pin cordsets, 4 Conductors PVC Foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain	
FKFD 6-* 	FKFD 6-*	FSFD 6-*	UL, CSA, 6x24 AWG, 105°C, mates with 6-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY 6. PK	

* Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths.
 Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**6, 8, 10 and 12-Wire Receptacles, Rear Mount with Leads**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.3 x 14 mm.</p>	FKFD 8-*	FSFD 8-*	8x24 AWG, 105°C, mates with 8-pin cordsets, UL Recognized, CSA Approved	
	FKFD 8-*/S1505	FSFD 8-*/S1505	8x26 AWG, 105°C, mates with 8-pin cordsets	
<p>Typical panel cutout is 15.3 x 14 mm.</p>	FKFD 10-*	FSFD 10-*	10x24 AWG, 105°C, mates with 10-pin cordsets	
	FKFD 12-*	FSFD 12-*	12x24 AWG, 105°C, mates with 12-pin cordsets	

* Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths.
 Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel.
 To specify PVC jacketed cable, add "/S717" to the end of the part number.

4 and 5-Pin Receptacles, Rear Mount with Solder Cups

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.3 x 14 mm.</p>	FKFDL 4.4	FSFDL 4.4	Accepts 18 AWG max Leads, 105°C, mates with 4-pin cordsets	
<p>Typical panel cutout is 15.3 x 14 mm.</p>	FKFDL 4.5	FSFDL 4.5	Accepts 18 AWG max Leads, 105°C, mates with 5-pin cordsets	
	FKFDL 6	FSFDL 6	Accepts 22 AWG max Leads, 105°C, mates with 6-pin cordsets	

Standard housing material is nickel plated brass "FSFDL.."; "FSFDLV.." indicates stainless steel.

TURCK M12 eurofast® Connectivity**4 and 5-Pin Receptacles, Rear Mount with Solder Cups**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.3 x 14 mm.</p> <p>FKFDL ..</p>	FKFDL 8	FSFDL 8	Accepts 22 AWG Max Leads, 105°C, Mates with 8-pin Cordsets	
<p>Typical panel cutout is 15.3 x 14 mm.</p> <p>FSFDL ..-*</p>	FKFDL 10	FSFDL 10	Accepts 22 AWG Max Leads, 105°C, Mates with 10-pin Cordsets	
	FKFDL 12	FSFDL 12	Accepts 22 AWG, Max Leads, 105°C, Mates with 12-pin Cordsets	

Standard housing material is nickel plated brass "FSFDL.."; "FSFDLV.." indicates stainless steel.

4, 5, 6 and 8-Pin Receptacles, Rear Mount with PCB Pins

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC (6 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 15.3 x 14 mm.	FKFD 4.4	FSFD 4.4	105°C, mates with 4-pin cordsets	Female Male
 Typical panel cutout is 15.3 x 14 mm.	FKFD 4.5	FSFD 4.5	105°C, mates with 5-pin cordsets	Female Male
 Typical panel cutout is 15.3 x 14 mm.	FKFD 6	FSFD 6	105°C, mates with 6-pin cordsets	Female Male
	FKFD 8	FSFD 8	105°C, mates with 8-pin cordsets	Female Male

Standard housing material is nickel plated brass "FSFD.."; "FSFDV.." indicates stainless steel.

TURCK M12 eurofast® Connectivity**4 and 5-Pin Receptacles, Rear Mount with PCB Pins**

TURCK

makes.

Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>FKFDK ..</p> <p>.118 [3.0] MAX PG 9 .709 [18.0] Ø.031 [0.8] M12x1 Ø.787 [20.0] .327 [8.3] Ø.748 [19.0] .165 [4.2] O-RING</p> <p>Typical panel cutout is 15.3 x 14 mm.</p>		FSFDK 4.4	Nickel plated brass, 105°C, mates with 4-pin cordsets, short pins	<p>Male</p> <p>4 1 3 2</p>
<p>FSFDK ..</p> <p>.118 [3.0] MAX PG 9 .846 [21.5] .161 [4.1] Ø.846 [21.5] .165 [4.2] O-RING</p> <p>Typical panel cutout is 15.3 x 14 mm.</p>	FKFDK 4.5	FSFDK 4.5	Nickel plated brass, 105°C, mates with 5-pin cordsets, short pins	<p>Female</p> <p>4 3 5 1 2</p> <p>Male</p> <p>5 1 4 3 2</p>

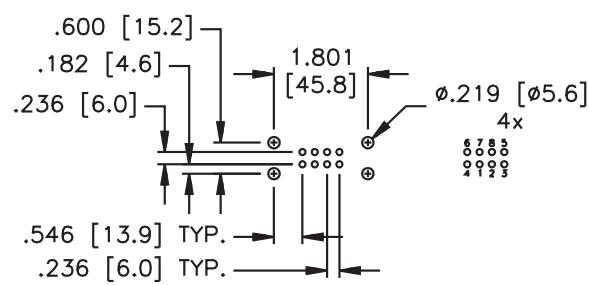
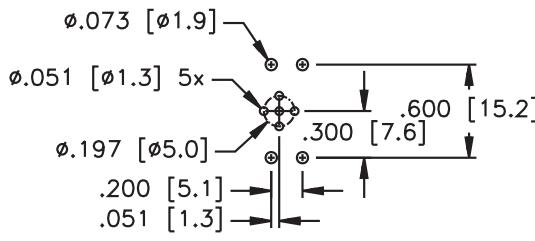
Standard housing material is nickel plated brass "FSFDK.."; "FSFDKV.." indicates stainless steel.

4, 5, 6 and 8-Pin Receptacles, Rear Mount with PCB Pins

- Male Receptacles
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A (4 & 5 pole)
- 60 VAC/75 VDC, 2 A (6 & 8 pole)



Housing Style	Male Part Number	Features	Pinout
	WFS 4.4-PCB	105°C, mates with 4-pin cordsets, nickel plated brass housing material	
	WFS 4.5-PCB	105°C, mates with 5-pin cordsets, nickel plated brass housing material	
	WFS 6-PCB	105°C, mates with 6-pin cordsets, nickel plated brass housing material	
	WFS 8-PCB	105°C, mates with 8-pin cordsets, nickel plated brass housing material	

WFS PCB Layout

TURCK M12 eurofast® Connectivity**5, 6 and 8-Pin Receptacles, Rear Mount PCB with Header Pins**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6, 13
- IEC IP 67 Protection
- 250 V, 4 A (5 pole)
- 60 VAC/75 VDC (6 & 8 pole)



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>Typical panel cutout is 15.3 x 14 mm</p>	WFKD 4.5-PCBH	WFSD 4.5-PCBH	105°C, mates with 5-pin cordsets, nickel plated brass housing material	Female Male
<p>Typical panel cutout is 15.3 x 14 mm</p>	WFKD 6-PCBH	WFSD 6-PCBH	105°C, mates with 6-pin cordsets, nickel plated brass housing material	Female Male
<p>Typical panel cutout is 15.3 x 14 mm</p>	WFKD 8-PCBH	WFSD 8-PCBH	105°C, mates with 8-pin cordsets, nickel plated brass housing material	Female Male

10 and 12-Pin Receptacles, Rear Mount PCB with Header Pins



- NEMA 1, 3, 4, 6, 13
- IEC IP 67 Protection
- 60 VAC/75 VDC, 2 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>WKFD ..PCBH</p> <p>Typical panel cutout is 15.3 x 14 mm</p>	WFKD 10-PCBH	WFSD 10-PCBH	105°C, mates with 10-pin cordsets, nickel plated brass housing material	
<p>WFSD ..PCBH</p> <p>Typical panel cutout is 15.3 x 14 mm</p>	WFKD 12-PCBH	WFSD 12-PCBH	105°C, mates with 12-pin cordsets, nickel plated brass housing material	

TURCK M12 eurofast® Connectivity**4 and 5-Pin Circuit Board Mounted Receptacles**

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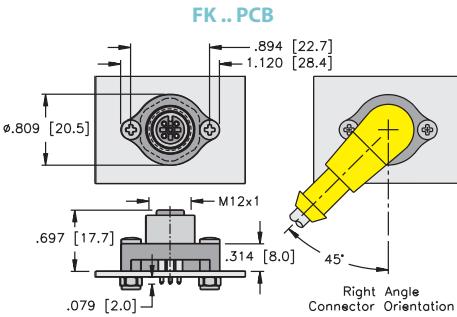
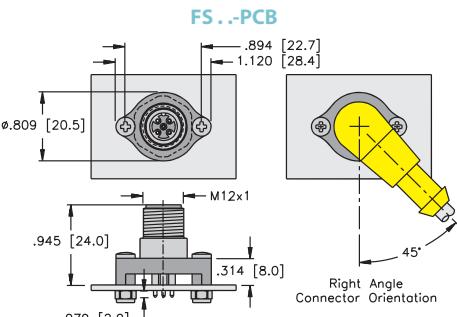
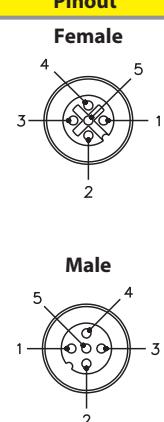
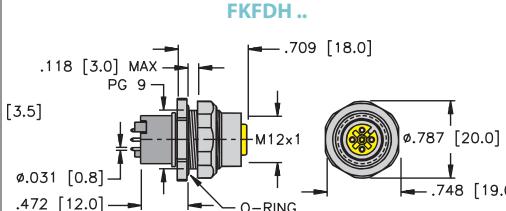
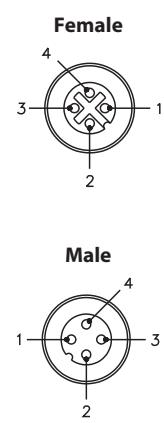
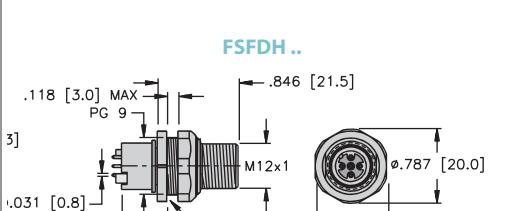
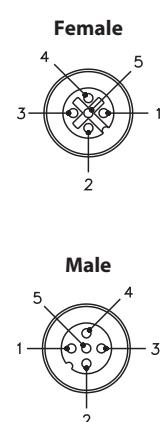
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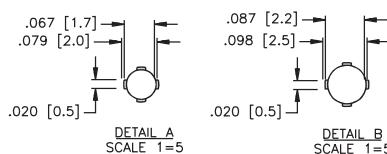
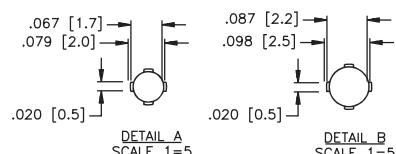
Industrial

Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FK .. PCB  FS ..-PCB 	FK 4.5-PCB	FS 4.5-PCB	105°C, mates with 5-pin cordsets, nickel plated brass housing material	
FKFDH ..  <p>Typical panel cutout is 15.3 mm x 14 mm</p>	FKFDH 4.4	FSFDH 4.4	105°C, mates with 4-pin cordsets, separate housing and contact carrier, nickel plated brass housing material	
FSFDH ..  <p>Typical panel cutout is 15.3 mm x 14 mm</p>	FKFDH 4.5	FSFDH 4.5	105°C, mates with 5-pin cordsets, separate housing and contact carrier, nickel plated brass housing material	

FKFDH - Detail**FSFDH - Detail**

4 and 5-Pin Circuit Board Mounted Receptacles

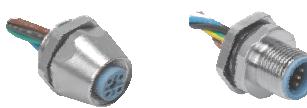
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
<p>WFKFDH ..</p> <p>Typical panel cutout is 12 mm</p>	WFKFDH 4.4	WFSFDH 4.4	105°C, mates with 4-pin cordsets, separate housing and contact carrier, right angle, nickel plated brass housing material	
<p>FKFDHOW ..</p> <p>Typical panel cutout is 12 mm</p>	WFKFDH 4.5	WFSFDH 4.5	105°C, mates with 5-pin cordsets, separate housing and contact carrier, right angle, nickel plated brass housing material	
<p>WFSFDH ..</p> <p>Typical panel cutout is 12 mm</p>	FKFDHOW 4.5		105°C, mates with 5-pin cordsets, separate housing and contact carrier, reverse key, nickel plated brass housing material	

TURCK M12 eurofast® Connectivity**5-Wire Receptacles, Front Mount, Reverse Key**TURCK *works.*Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
 Typical panel cutout is 15.2 mm.	FKW 4.5-*	FSW 4.5-*	4x22, 1x20 AWG, 105°C, mates with 5-pin Reverse Key Cordset	1. BN 2. WH 3. BU 4. BK 5. GN/YE
 Typical panel cutout is 15.2 mm.	FKW 4.5-*/S653	FSW 4.5-*/S653	4x22 AWG, Drain 105°C, 5.1 mm OD, mates with 5-pin Reverse Key Cordset, 4 Conductors PVC Foil Shielded with Drain Wire to pin 5	1. BN 2. WH 3. BU 4. BK 5. Drain
 Typical panel cutout is 21 mm.	FKW 4.5-*/14.5	FSW 4.5-*/14.5	4x22, 1x20 AWG 105°C, mates with 5-pin Reverse Key Cordset	
 Typical panel cutout is 21 mm.				Female 1 2 3 4 5
 Typical panel cutout is 22.5 mm.	FKW 4.5*/14.5/NPT	FSW 4.5-*/14.5/NPT	4x22, 1x20 AWG 105°C, mates with 5-pin Reverse Key Cordset	Male 1 2 3 4 5

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FSW.."; "FSWV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

5-Wire Receptacles, Front Mount, Reverse Key**euro
fast**

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKMW .. Typical panel cutout is 15.2 mm.	FKMW 4.5-*		4x22, 1x20 AWG, 105°C, mates with 5-pin <u>Reverse Key Cordset</u> , PG 9 threads, rotating coupling nut	 Female 1. BN 2. WH 3. BU 4. BK 5. GN/YE
FKDW .. Typical panel cutout is 15.2 mm.				
FSDW .. Typical panel cutout is 15.2 mm.	FKDW 4.5-*	FSDW 4.5-*	4x22, 1x20 AWG AWM PVC 105°C, mates with 5-pin <u>Reverse Key Cordset</u>	 Male 1. BN 2. WH 3. BU 4. BK 5. GN/YE

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass "FSW.."; "FSWV.." indicates stainless steel.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**5-Wire Receptacles, Rear Mount, Reverse Key****TURCK**
makes.Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDW .. Typical panel cutout is 15.3 x 14.0 mm.				
FSFDW .. Typical panel cutout is 15.3 x 14.0 mm.	FKFDW 4.5-*	FSFDW 4.5-*	5x22 AWG 105°C, mates with <u>5-pin Reverse Key</u> <u>Cordset, leads, UL</u> Recognized, CSA Approved	Female 1. BN 2. WH 3. BU 4. BK 5. GN/YE
FKFDLW .. Typical panel cutout is 15.3 x 14.0 mm.				
FSFDLW .. Typical panel cutout is 15.3 x 14.0 mm.	FKFDLW 4.5	FSFDLW 4.5	Accepts 20 AWG Max Leads, 105°C, mates with 5-pin <u>Reverse Key</u> <u>Cordset,</u> <u>solder cup</u>	N/A

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

5-Pin Receptacles, Rear Mount, Reverse Key, With PCB Pins



- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKFDW .. Typical panel cutout is 15.3 x 14.0 mm.				
FSFDW .. Typical panel cutout is 15.3 x 14.0 mm.	FKFDW 4.5	FSFDW 4.5	105°C, mates with 5-pin Reverse Key Cordsets, <u>PCB pins</u>	Female 1 2 3 4 5
FSFDKW .. Typical panel cutout is 15.3 x 14.0 mm.				Male 1 2 3 4 5
FKFDKW .. Typical panel cutout is 15.3 x 14.0 mm.	FKFDKW 4.5	FSFDKW 4.5	105°C, mates with 5-pin Reverse Key Cordsets, <u>short PCB pins</u>	

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.
Standard housing material is nickel plated brass.

To specify PVC jacketed cable, add "/S717" to the end of the part number.

TURCK M12 eurofast® Connectivity**4 and 5-Wire Receptacles, Back Panel Mount****TURCK**
makes.Industrial
Automation

- NEMA 1, 3, 4, 6P
- IEC IP68 Protection
- 250 V, 4 A



Housing Style	Female Part Number	Features	Pinout
	FKP 4.4-*	4x18 AWG, 105°C, mates with 4-pin cordsets	1. BN 2. WH 3. BU 4. BK
	FKP 4.4-* /S621	4x18 AWG, 105°C, mates with 4-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4
	FKP 4.5-*	5x18 AWG, 105°C, mates with 5-pin cordsets	1. BN 2. WH 3. BU 4. BK 5. GY
	FKP 4.5-* /S621	5x18 AWG, 105°C, mates with 5-pin cordsets	1. GY1 2. GY2 3. GY3 4. GY4 5. GY5

* Length in meters. Standard lead length is 0.5 Meters. Consult factory for other lengths.

Standard material is nickel plated brass.

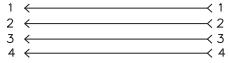
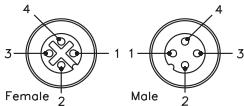
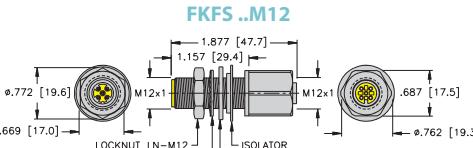
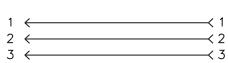
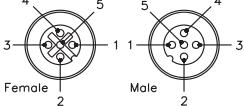
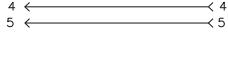
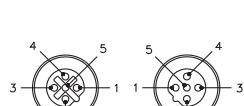
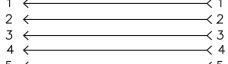
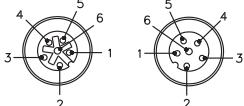
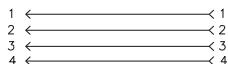
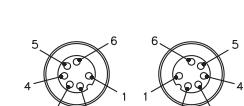
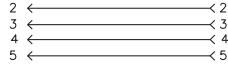
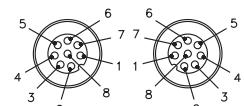
To specify PVC jacketed cable, add "/S717" to the end of the part number.

4, 5, 6 and 8-Pin Feed-Thru Receptacles



- Female to Male Receptacles
- NEMA 1, 3, 4, 6P
- IEC IP68 Protection



Housing Style	Part Number	Features	Pinout	
	FK FS 4.4/M12	4-conductor, 80°C, 150 V, 4 A, mates with 4-pin cordsets	 	
	FK FS 4.5/M12	5-conductor, 80°C, 150 V, 4 A, mates with 5-pin cordsets	 	
	FKW FSW 4.5/M12	5-conductor, 80°C, 150 V, 4 A, mates with 5-pin Reverse Key Cordsets	 	
	FK FS 4.6/M12	6-conductor, 80°C, 36 V, 1.5 A, mates with 6-pin cordsets	 	
	FK FS 6/M12	6-conductor, 80°C, 36 V, 1.5 A, mates with 6-pin cordsets	 	
	FK FS 8/M12	8-conductor, 80°C, 36 V, 1.5 A, mates with 8-pin cordsets	 	

Standard housing material is nickel plated brass "FK FS.."; "FKV FSV.." indicates stainless steel.

TURCK M12 eurofast® Connectivity**4 and 5-Pin Field Wireable Connectors, Standard Key**

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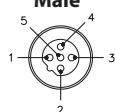
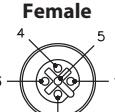
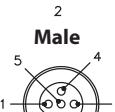
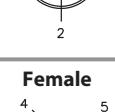
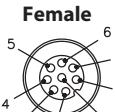
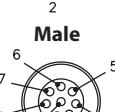
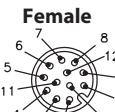
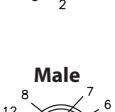
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81.. 	B 8141-0 B 8241-0	BS 8141-0 BS 8241-0	PBT, Black, PG 7 cable gland, accepts 4-6 mm cable diameter, screw terminals, accepts up to 18 AWG conductors, 85°C, 250 V, 4 A, mates with standard key 4-pin cordsets and receptacles	Female Male
B 82.. 	B 8141-0/PG 9 B 8241-0/PG 9	BS 8141-0/PG 9 BS 8241-0/PG 9	PBT, Black, PG 9 cable gland, accepts 6-8 mm cable diameter, screw terminals, accepts up to 18 AWG conductors, 85°C, 250 V, 4 A, mates with standard key 4-pin cordsets and receptacles	Female Male
BS 81.. 	B 8151-0/PG 9 B 8251-0/PG 9	BS 8151-0/PG 9 BS 8251-0/PG 9	PBT, Black, PG 9 cable gland, accepts 4-8 mm cable diameter, screw terminals, accepts up to 18 AWG conductors, 85°C, 60 V, 4 A, mates with standard key 5-pin cordsets and receptacles	Female Male
BS 82.. 	BM 8151-0/PG 9		PBT, Black, PG 9 cable gland, accepts 6-8 mm cable diameter, screw terminals, accepts up to 18 AWG conductors, metal coupling nut, 85°C, 60 V, 4 A, mates with standard key 5-pin cordsets and receptacles	Female Male

- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81.. 		BS 8157-0/PG 9	PBT, Black, PG 9 cable gland accepts 6-8 mm cable diameter , spring clamp accepts up to 20 AWG conductors, 85°C, 125 V, 4 A, Mates with standard key 5-pin cordsets and receptacles, spring clamp	 
B 82.. 	BWS 8141-0 BWS 8241-0	BSWS 8141-0 BSWS 8241-0	PBT, Black, PG 9 cable gland accepts 6-8 mm cable diameter, screw terminals accepts up to 18 AWG conductors, 85°C, 250 V, 4 A, mates with <u>reverse</u> key 4-pin cordsets and receptacles	 
BS 81.. 	B 8181-0 B 8281-0	BS 8181-0 BS 8281-0	Nylon, Black, PG 9 cable gland accepts 6-8 mm cable diameter , screw terminals accepts up to 18 AWG conductors, 85°C, 30 VAC/75 VDC, 2 A, mates with standard key 8-pin cordsets and receptacles	 
BS 82.. 	B 81121-0/PG 9	BS 81121-0/PG 9	Nylon, Black, PG 9 cable gland accepts 4-8 mm cable diameter , screw terminals accepts up to 24 AWG conductors, 85°C, 30 V, 1 A, mates with standard key 12-pin cordsets and receptacles	 

TURCK M12 eurofast® Connectivity**4 and 5-Pin Field Wireable Connectors, Standard with Labels**

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- IEC IP67 Protection

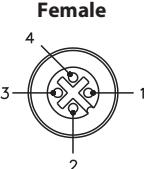
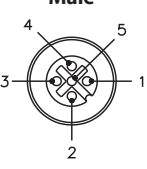
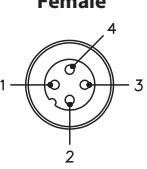
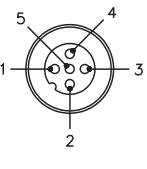


Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81.. 	B 8141-0/LABEL B 8241-0/LABEL	BS 8141-0/LABEL BS 8241-0/LABEL	PBT, Black, PG 7 cable gland accepts 4-6 mm cable diameter, screw terminals accept up to 18 AWG conductors, 85°C, 250 V, 4 A, mates with standard key 4-pin cordsets and receptacles, color coded & numbered pins	Female Male
B 82.. 	B 8141-0/PG9/LABEL B 8241-0/PG9/LABEL	BS 8141-0/PG9/LABEL BS 8241-0/PG9/LABEL	PBT, Black, PG 9 cable gland accepts 6-8 mm cable diameter, screw terminals, 85°C, 250 V, 4 A, mates with standard key 4-pin cordsets and receptacles, color coded & numbered pins	Female Male
BS 81.. 	B 8151-0/PG9/LABEL B 8251-0/PG9/LABEL	BS 8151-0/PG9/LABEL BS 8251-0/PG9/LABEL	PBT, Black, PG 9 cable gland accepts 4-8 mm cable diameter, screw terminals accept up to 18 AWG conductors, 85°C, 60 V, 4 A, mates with standard key 5-pin cordsets and receptacles, color coded & numbered pins	Female Male
BS 82.. 	B 8151-0/PG9/LABEL B 8251-0/PG9/LABEL	BS 8151-0/PG9/LABEL BS 8251-0/PG9/LABEL	PBT, Black, PG 9 cable gland accepts 4-8 mm cable diameter, screw terminals accept up to 18 AWG conductors, 85°C, 60 V, 4 A, mates with standard key 5-pin cordsets and receptacles, color coded & numbered pins	Female Male

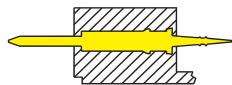
4 and 5-Pin Field Wireable Connectors, IAC

- Male and Female Connectors
- Insulation Avoidance Technology
- No Conductor Stripping Required
- IEC IP67 Protection

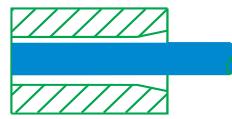


Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81..	B 8145-0	BS 8145-0	Nylon, accepts 4-6 mm cable dia., accepts 22-26 AWG conductor (conductor diameter 1-1.6 mm), Insulation Avoidance, 90°C, 125 VAC/150 VDC, 4 A, mates with standard key 4-pin cordsets and receptacles	 
BS 81..	B 8155-0	BS 8155-0	Nylon, accepts 4-6 mm cable dia. accepts 22-26 AWG conductor (conductor diameter 1-1.6 mm), Insulation Avoidance, 90°C, 30 VAC/ 36 VDC, 4 A, mates with standard key 5-pin cordsets and receptacles	 

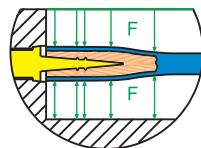
IAC Pointed Contact



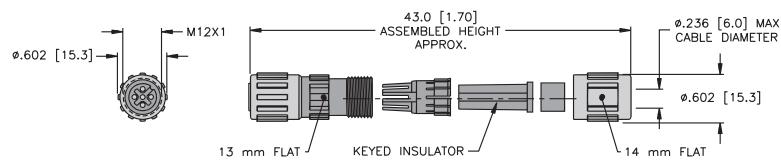
Unstripped wire in elastic "cable clamp"



Electrical connection is made without cutting the cable insulation and the large surface area of the contact provides a superior electrical connection



Assembly



TURCK M12 eurofast® Connectivity**4-Pin Field Wireable Connectors with LED's**

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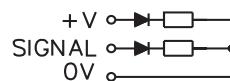
makes.

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- Male and Female Connectors
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81.. BS 81.. 			PBT, Clear, accepts 4-6 mm cable diameter accepts 20-26 AWG (conductor diameter 1-1.6 mm), Insulation Avoidance, 85°C, 10-30 V, 4 A, mates with standard key 4-pin cordsets and receptacles, 2 LED's - Signal and Power	Female Male
	B 8141-P7X2-0	BS 8141-P7X2-0		

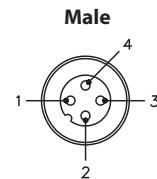
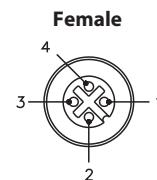
Wiring Diagram

4-Pin Field Wireable Connectors, IDC

- Male and Female Connectors
- Insulation Displacement Technology
- No Conductor Stripping Required
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 81.. 				
BS 81.. 	B 8146-0	BS 8146-0	Nickel Plated Brass, accepts 4-5 mm cable diameter, IDC accepts 26 to 22 AWG conductors, 85°C, 32 V, 4 A, mates with standard key 4-pin cordsets and receptacles	
B 83.. 				
BS 83.. 	B 8346-0	BS 8346-0	Nickel Plated Brass, accepts 5.5-8.5 mm cable diameter, IDC accepts up to 18 AWG conductors, 85°C, 50 V, 6 A, mates with standard key 4-pin cordsets and receptacles	
B 82.. 				
BS 82.. 	B 8246-0	BS 8246-0	Nickel Plated Brass, accepts 4-5 mm cable diameter, IDC accepts 26 to 22 AWG conductors, 85°C, 32 V, 4 A, mates with standard key 4-pin cordsets and receptacles	



TURCK M12 eurofast® Connectivity**4, 5 and 8-Pin Field Wireable Connectors, Shielded, Screw Terminals**

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- Screw Terminals
- No Soldering Required
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
CMB 81.. 	CMB 8141-0 CMB 8241-0	CMBS 8141-0 CMBS 8241-0	Nickel Plated Brass, PG9 cable gland, accepts 6-8 mm cable diameter, screw terminal accepts up to 18 AWG conductors, 85°C, 250 V, 4 A, Metal, fully shielded Mates with standard key 4-pin cordsets and receptacles	
CMB 82.. 				
CMBS 81.. 	CMB 8151-0 CMB 8251-0	CMBS 8151-0 CMBS 8251-0	Nickel Plated Brass, PG9 cable gland, accepts 6-8 mm cable diameter, screw terminal, accepts up to 18 AWG conductors, 85°C, 60 V, 4 A, metal, fully shielded Mates with standard key 5-pin cordsets and receptacles	
CMBS 82.. 	CMB 8181-0	CMBS 8181-0	Nickel Plated Brass, PG9 cable gland accepts 6-8 mm cable diameter, screw terminal accepts up to 18 AWG conductors, 85°C, 60 V, 2 A, metal, fully shielded, mates with standard key 8-pin cordsets and receptacles	

5-Pin Field Wireable Connectors, Reverse Key

- Male and Female Connectors
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
BMWS 81.. 				
BMSWS 81.. 	BMWS 8151-0/9	BMSWS 8151-0/9	Nickel Plated Brass, PG9 cable gland, accepts 6-8 mm cable diameter, screw terminal, accepts up to 18 AWG conductors, 85°C, 60 V, 4 A, Metal, fully shielded, mates with reverse key 5-pin cordsets and receptacles	Female
BMWS 82.. 				
BMSWS 82.. 	BMWS 8251-0/9	BMSWS 8251-0/9	Nickel Plated Brass, PG9 cable gland, accepts 6-8 mm cable diameter, screw terminal, accepts up to 18 AWG conductors, 85°C, 60 V, 4 A, metal, fully shielded, mates with reverse key 5-pin cordsets and receptacles	Male

TURCK M12 eurofast® Connectivity**5-Pin Field Wireable Splitter**

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- Male and Female Connectors
- 2 into 1, Parallel, AND Function etc.
- IEC IP67 Protection



Housing Style	Female Part Number	Male Part Number	Features	Pinout
DBK(S).. 	DBK 8151-0	DBS 8151-0	Nylon, Black, Nylon coupling nut, accepts 2x3 mm or 2x5 mm cable diameters, screw terminals, accepts up to 18 AWG conductors, 85°C, 125 V, 4 A, splitter, accepts 2 cables and converts to 1	Female
DBK(S)M.. 	DBKM 8151-0	DBSM 8151-0	Nylon, nickel plated brass, coupling nut, accepts 4-5 mm cable diameters, screw terminals, accepts up to 18 AWG conductors, 85°C, 125 V, 4 A, splitter, accepts 2 cables and converts to 1; straight male connector	Male

Conduit Adapters

- Attaches to Standard Crouse-Hinds 3/4" Form 8 Conduit Bodies for Transition to 5-wire eurofast® Connectors
- Gasket and 8-32 x 1/2 Mounting Screws Included
- IP67 Protection (only when all receptacles are mated or covered with plugs)
- Terminal Strips Accept Up to 12 AWG Wires



Housing Style	Part Number	Features	Pinout	Wiring Diagram
	CA-1/FK 4.5			
	CA-2/FK 4.5	Nylon housing, 80°C, 250 V, 4 A, attaches to standard conduit body for transition to 5-wire eurofast connector		

Standard receptacle housing material is nickel plated brass "CA-1(2)/FK 4.5"; "CA-1(2)/FKV 4.5" indicates stainless steel.

TURCK M12 eurofast® Connectivity**Conduit Adapters, Reverse Key Connectors****TURCK**

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- Attaches to Standard Crouse-Hinds 3/4" Form 8 Conduit Bodies for Transition to 5-wire eurofast® Connectors
- Gasket and 8-32 x 1/2 Mounting Screws Included
- IP67 Protection (only when all receptacles are mated or covered with plugs)
- Terminal Strips Accept Up to 12 AWG Wires



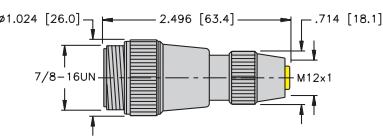
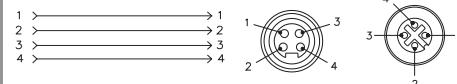
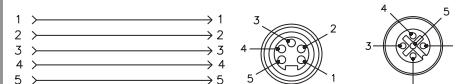
Housing Style	Part Number	Features	Pinout	Wiring Diagram
	CA-1/FKW 4.5	Nylon housing, 80°C, 250 V, 4 A, attaches to standard conduit body for transition to 5-wire eurofast, reverse key connector		
	CA-2/FKW 4.5			

Standard receptacle housing material is nickel plated brass "CA-1(2)/FKW 4.5"; "CA-1(2)/FKWV 4.5" indicates stainless steel.

Adapters

- Converts **eurofast** to **minifast**®
- Rugged Metal Connector
- IP67 Protection



Housing Style	Part Number	Features	Pinout
	RSM 40-FK 4.4	80°C, 250 V, 4 A, female eurofast to male minifast adapter, 4-pin	 1 > 1 2 > 2 3 > 3 4 > 4
	RSM 50-FK 4.5	80°C, 250 V, 4 A, female eurofast to male minifast adapter, 5-pin	 1 > 1 2 > 2 3 > 3 4 > 4 5 > 5

TURCK M12 eurofast® Connectivity**Connector Inserts**

- For Use in Sensors and Custom Receptacles
- Available with Solder Cups and PCB Pins
- Compatible with Standard eurofast Cordsets



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Housing Style	Part Number	Features	Pinout
	EWAS 4.4 (10/BAG)	Nylon or PUR, accepts up to 20 AWG, 250 V, 4 A, up to 4 conductors, DC applications	
	EWAS 4.5 (10/BAG)	Nylon or PUR, accepts up to 20 AWG, 250 V, 4 A, up to 5 conductors, DC applications	
	EWAS 6 (10/BAG)	Nylon or PUR, accepts up to 24 AWG, 30 VAC/36 VDC, 4 A, up to 6 conductors, DC applications	
	EWAS 8 (10/BAG)	Nylon or PUR, accepts up to 24 AWG, 30 VAC/36 VDC, 1.5 A, up to 8 conductors, DC applications	
	EWAK 4 PCB (10/BAG)	Nylon or PUR, 250 V, 4 A, up to 3 conductors, DC applications	
	EWAK 4.4 PCB (10/BAG)	Nylon or PUR, 250 V, 4 A, up to 4 conductors, DC applications	
	EWAK 4.5 PCB (10/BAG)	Nylon or PUR, 250 V, 4 A, up to 5 conductors, DC applications	
	EWASW 4.5 (10/BAG)	Reverse key, nylon or PUR, accepts up to 20 AWG, 250 V, 4 A, up to 5 conductors, DC applications	

Part Number	Drawing	Part Number	Features
RK-CC		RK-CC	Nickel plated brass, M12x1 threads, 6" lanyard, mates to male cordsets and receptacles
		RKV-CC	Stainless steel, M12x1 threads, 6" lanyard, mates to male cordsets and receptacles
RS-CC		RS-CC	Nickel plated brass, M12x1 threads, 6" lanyard, mates to female cordsets and receptacles
		RSV-CC	Stainless steel, M12x1 threads, 6" lanyard, mates to female cordsets and receptacles
FK-CC		FK-CC	Nickel plated brass, M12x1 threads, 6" lanyard with eyelet, mates to male cordsets and receptacles
		FKV-CC	Stainless steel, M12x1 threads, 6" lanyard with eyelet, mates to male cordsets and receptacles
FS-CC		FS-CC	Nickel plated brass, M12x1 threads, 6" lanyard with eyelet, mates to female cordsets and receptacles
		FSV-CC	Stainless steel, M12x1 threads, 6" lanyard with eyelet, mates to female cordsets and receptacles
FKK-CC		FKK-CC	Plastic, M12x1 threads, 3" lanyard with eyelet, mates to male cordsets and receptacles
FSK-CC		FSK-CC	Plastic, M12x1 threads, 3" lanyard with eyelet, mates to female cordsets and receptacles

TURCK M12 eurofast® Connectivity**Closure Caps**

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Drawing	Part Number	Features
	RKK-CC	Plastic, M12x1 threads, mates to male cordsets and receptacles
	RSK-CC	Plastic, M12x1 threads, mates to female cordsets and receptacles
	RK-MC	Nickel plated brass, M12x1 threads, no lanyard, mates to male cordsets and receptacles
	RKV-MC	Stainless steel, M12x1 threads, no lanyard, mates to male cordsets and receptacles
	RS-MC	Nickel plated brass, M12x1 threads, no lanyard, mates to female cordsets and receptacles
	RSV-MC	Stainless steel, M12x1 threads, no lanyard, mates to female cordsets and receptacles
	VZ3-RED (8/BAG)	Red Nylon, mates to VB2 series junction boxes and female cordsets and receptacles
	VZ3 (8/BAG)	Nylon, mates to VB2 series junction boxes and female cordsets and receptacles

Notes:

