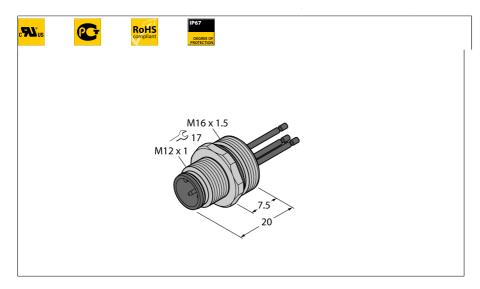
TURCK

Accessories for actuator/sensor cables male flange with strands, front-mounted EC-FSE8-0,5/16

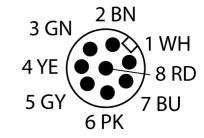




	M12 -(1	male	receptacle
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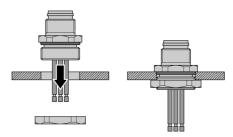
- Protection class IP67
- Stainless steel receptacle housing
- Front panel mounting
- Connected via stranded wires

Pin Assignment



Ident no.6934619Connector A sideMale receptacle, M12 ← 1, StraigNumber of pins8ContactsBrass, CuZn, Gold-platedContact carriersPlastic, PA GF, BlackFlange housingStainless steel, 1.4404 (AISI 316L)Screw-in thread sealplastic, NBRScrew-in threadM16x1.5Connection modeWire connectionMechanical lifespan> 100 Mating cyclesPollution degree3Protection classIP67, (screwed together)Cable length0.5 mCore insulationPVCCore colorsWH, GN, YE, GY, BN, PK, BU, RDCore cross-section8x0.25mm²Electrical features at +20 °CRated voltageRated voltage30 VCurrent2 AInsulation resistance≥ $10^{\circ} \Omega$ Forward resistance≤ $5 \text{ m}\Omega$	gnation	EC-FSE8-0,5/16 6934619		
Number of pins 8 Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, PA GF, Black Flange housing Stainless steel, 1.4404 (AISI 316L) Screw-in thread seal plastic, NBR Screw-in thread M16x1.5 Connection mode Wire connection Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section 8x0.25mm² Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^8 \Omega$				
Contacts Brass, CuZn, Gold-plated Contact carriers Plastic, PA GF, Black Stainless steel, 1.4404 (AISI 316L) Screw-in thread seal plastic, NBR M16x1.5 Connection mode Wire connection Mechanical lifespan > 100 Mating cycles 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25$ mm² Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\ge 10^8 \Omega$	r A side	Male receptacle, M12 -(=- 1, Straight		
Contact carriers Plastic, PA GF, Black Stainless steel, 1.4404 (AISI 316L) Screw-in thread seal plastic, NBR M16x1.5 Connection mode Wire connection Mechanical lifespan > 100 Mating cycles Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25$ mm² Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\ge 10^8 \Omega$	pins	8		
Flange housing Stainless steel, 1.4404 (AISI 316L) Screw-in thread seal plastic, NBR Screw-in thread M16x1.5 Connection mode Wire connection Mechanical lifespan > 100 Mating cycles 3 Pollution degree 3 IP67, (screwed together)		Brass, CuZn, Gold-plated		
Screw-in thread seal plastic, NBR M16x1.5 Connection mode Wire connection Mechanical lifespan > 100 Mating cycles 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25$ mm² Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\ge 10^8 \Omega$	rriers	Plastic, PA GF, Black		
Screw-in thread $M16x1.5$ Connection mode $Wire connection$ Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class $IP67$, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH , GN , YE , GY , BN , PK , BU , RD Core cross-section $8x0.25 \text{mm}^2$ Electrical features at $+20 ^{\circ}C$ Rated voltage $30 V$ Current $2 A$ Insulation resistance $\ge 10^{\circ} \Omega$	using	Stainless steel, 1.4404 (AISI 316L)		
Connection mode Wire connection Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25mm^2$ Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^{\circ} \Omega$	nread seal	plastic, NBR		
Mechanical lifespan > 100 Mating cycles Pollution degree 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section 8x0.25mm² Electrical features at +20 °C Rated voltage Current 2 A Insulation resistance ≥ 10° Ω	nread	M16x1.5		
Pollution degree 3 Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25 \text{mm}^2$ Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^{\circ} \Omega$	n mode	Wire connection		
Protection class IP67, (screwed together) Cable length 0.5 m Core insulation PVC Core colors WH, GN, YE, GY, BN, PK, BU, RD Core cross-section $8x0.25$ mm² Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^{\circ} \Omega$	ıl lifespan	> 100 Mating cycles		
	egree	3		
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	class	IP67, (screwed together)		
$ \begin{array}{lll} \text{Core colors} & & \text{WH, GN, YE, GY, BN, PK, BU, RD} \\ \text{Core cross-section} & & 8x0.25\text{mm}^2 \\ \\ \hline \textbf{Electrical features at +20 °C} \\ \text{Rated voltage} & & 30 \text{ V} \\ \text{Current} & & 2 \text{ A} \\ \text{Insulation resistance} & & \geq 10^{\circ} \ \Omega \\ \end{array} $	gth	0.5 m		
Core cross-section $8x0.25 \text{mm}^2$	ation	PVC		
Electrical features at +20 °C Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^{\circ} \Omega$	s	WH, GN, YE, GY, BN, PK, BU, RD		
Rated voltage 30 V Current 2 A Insulation resistance $\geq 10^{8} \Omega$	s-section	8x0.25mm²		
Current 2 A Insulation resistance $\geq 10^{8} \Omega$	features at +20 °C			
Insulation resistance $\geq 10^{8} \Omega$	age	30 V		
_ 10 12		2 A		
Forward resistance $\leq 5 \text{ m}\Omega$	resistance	\geq 10 8 Ω		
	esistance	\leq 5 m Ω		

-30...+90°C



Mechanical and chemical properties

Ambient temperature Stationary