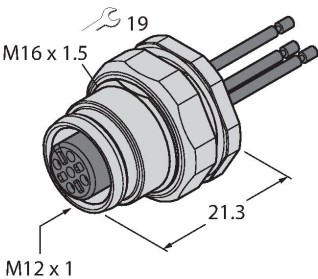


EC-FKFDE8-1/16

Accessories for Actuator/Sensor Cables



Technical data

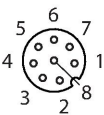
Type	EC-FKFDE8-1/16
ID	6935160
Connector A	Female, M12 × 1, Straight, A-coded
Number of pins	8
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Seal	Plastic, FPM/FKM
Flange housing	Stainless Steel, 1.4404 (AISI 316L)
Mounting type	backplane mounting
Screw-in thread seal	Plastic, NBR
Screw-in thread	M16 × 1.5
Connection mode	Wire connection
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
Cable length	1 m
Core insulation	PVC
Core cross-section	8 x 0.25 mm²
Core colors	WH, GN, YE, GY, BN, PK, BU, RD
Electrical properties at +20 °C	
Rated voltage	30 V
Current	2 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+90 °C

Features



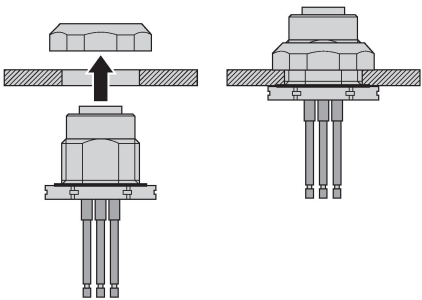
- M12 × 1 female receptacle
- Protection class IP67
- Stainless steel receptacle housing
- Rear-mounted
- Connected via stranded wires
- 8-pin
- Stranded wire length: 1 m

Contact assignment



1)	WH
2)	BN
3)	GN
4)	YE
5)	GY
6)	PK
7)	BU
8)	RD

Rear-mounted



Technical data

Approvals

CE
