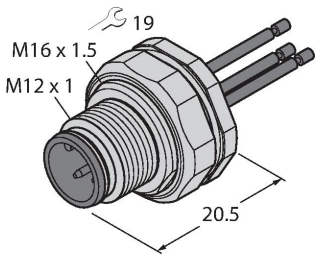


EC-FSFDE12-0.5/16

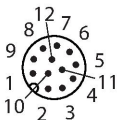
Male Receptacle with Stranded Wires, Rear-mounted



Features

- CE UKCA RoHS compliant
- M12 × 1 male receptacle
- Protection class IP67
- Stainless steel receptacle housing
- Rear-mounted
- Connected via stranded wires
- 12-pin
- Stranded wire length: 0.5 m

Contact assignment

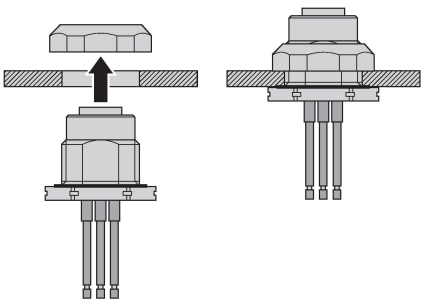


Technical data

Type	EC-FSFDE12-0.5/16
ID	6934573
Connector A	Male, M12 × 1, Straight, A-coded
Number of pins	12
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA GF, Black
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	0.5 m
Core insulation	PVC
Core cross-section	12 x 0.14 mm²
Core colors	BN, BU, WH, GN, PK, YE, BK, GY, RD, VT, GY/PK, RD/BU
Electrical properties at +20 °C	
Rated voltage	30 V
Current	1.5 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+90 °C

1	BN
2	BU
3	WH
4	GN
5	PK
6	YE
7	BK
8	GY
9	RD
10	VT
11	GY/PK
12	RD/BU

Rear-mounted



Technical data

Approvals

CE
