

EC-FKFDE5-0.5/16

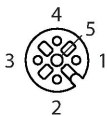
Female Flange with Strands, Rear-mounted

Features



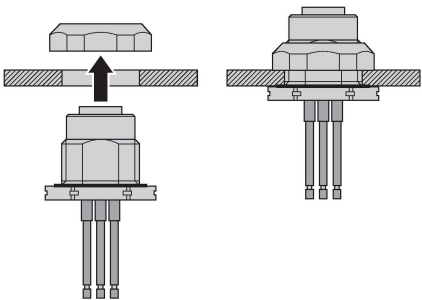
- M12 × 1 female receptacle
- Protection class IP67
- Stainless steel receptacle housing
- Rear-mounted
- Connected via stranded wires
- 4-pin + PE
- Stranded wire length: 0.5 m

Contact assignment



1)	BN
2)	WH
4)	BK
3)	BU
5)	GNYE

Rear-mounted



Technical data

Type	EC-FKFDE5-0.5/16
ID	6934555
Connector A	Female, M12 × 1, Straight, A-coded
Number of pins	4+PE
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	0.5 m
Core insulation	PVC
Core cross-section	4 x 0.34 mm²
Core colors	BN, WH, BU, BK, GNYE
Electrical properties at +20 °C	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ ≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+90 °C

Technical data

Approvals

CE
