

EC-FK4.5-0.5/20

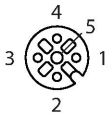
Female Flange with Stranded Wires, Front-mounted

Features



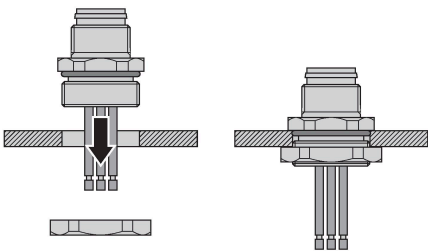
- M12 × 1 female receptacle
- Protection class IP67
- Front panel mounting
- Connected via stranded wires
- 5-pin
- Stranded wire length: 0.5 m

Contact assignment



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

Front panel mounting



Technical data

Type	EC-FK4.5-0.5/20
ID	6935740
Connector A	Female, M12 × 1, Straight, A-coded
Number of pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Seal	Plastic, FPM/FKM
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	front panel mounting
Screw-in thread seal	Plastic, NBR
Screw-in thread	M20 × 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	5 x 0.34 mm²
Core colors	BN, WH, BU, BK, GY
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
