

EC-FSD8-0.5/16

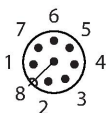
Male Receptacle with Stranded Wires, Front-mounted

Features



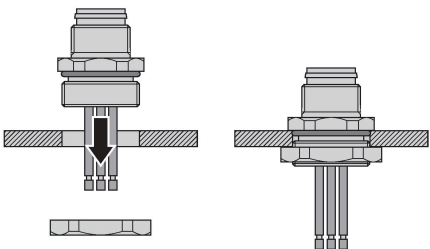
- M12 × 1 male receptacle
- Protection class IP67
- Front panel mounting
- Connected via stranded wires
- 8-pin
- Stranded wire length: 0.5 m

Contact assignment



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

Front panel mounting



Technical data

Type	EC-FSD8-0.5/16
ID	6934626
Connector A	Male, M12 × 1, Straight, A-coded
Number of pins	8
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA GF, Black
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	front panel 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	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 ⁹ Ω
forward resistance	≤ 5 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+90 °C
Approvals	CE