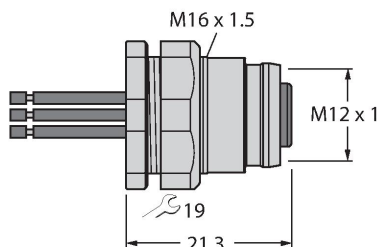


EC-FKFDW4.54-0.5/16

Accessories for Fieldbus Systems – Flange



Features



- Design: M12 female connector
- 5-pin
- Reverse-keyed, 5-pin, stranded wire 0.5 m
- Back-panel mounting
- M16 × 1.5 metric screw-in thread
- For use in PROFIBUS-DP applications
- Stranded wire length: 0.5 m

Contact assignment



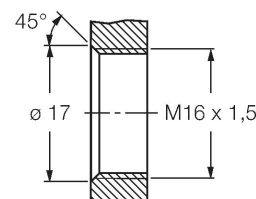
Headline Wiring Diagram

Pin Assignment

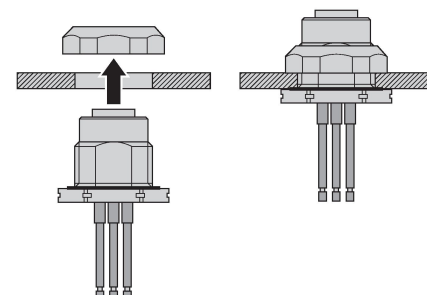


Technical data

Type	EC-FKFDW4.54-0.5/16
ID	6935754
Connector A	Female, M12 × 1, Straight, B-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	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)
Network protocol	PROFIBUS-DP
Cable length	0.5 m
Core insulation	PVC
Core cross-section	5 x 0.34 mm ²
Arrangement of strands	7 x 0.25 mm
Core colors	BN, GN, BU, RD, GY
Electrical properties at +20 °C	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω
forward resistance	≤ 5 mΩ



Rear-mounted



Technical data

Mechanical and chemical properties

Ambient temperature (fixed)	-30...+90 °C
-----------------------------	--------------

Approvals	CE
-----------	----