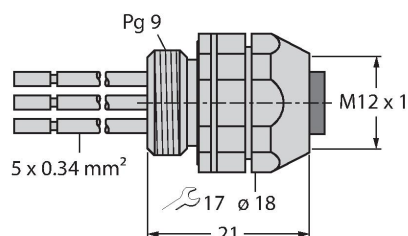


FKDW4.54-0.5

Accessories for Fieldbus Systems – Mounting Flange



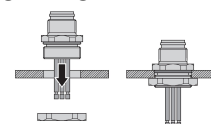
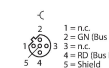
Features



- Type: M12 female
- PG9 mounting thread
- Reverse-keyed, 5-pin, braid 0.5 m
- Front-mounted, rotatable contact body
- For use in PROFIBUS-DP applications
- Stranded wire length: 0.5 m

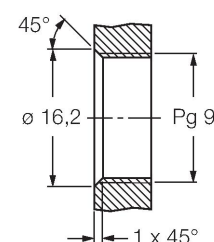
Headline Wiring Diagram

Pin Assignment



Technical data

Type	FKDW4.54-0.5
ID	6935159
Connector A	Female, M12 × 1, Straight, B-coded
Number of pins	5
Contacts	Metal, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Seal	Plastic, FKM/FPM
Flange housing	Brass, CuZn, Nickel-plated
Mounting type	front panel mounting
Screw-in thread seal	Plastic, NBR
Screw-in thread	PG9
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
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



Technical data

Mechanical and chemical properties

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