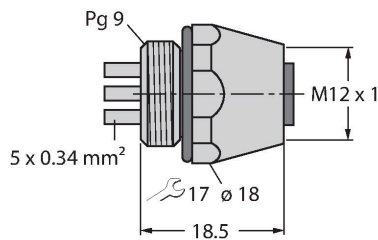


FKW5L

Accessories for Fieldbus Systems – Mounting Receptacle

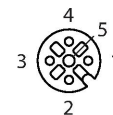


Features



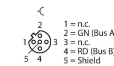
- Design: M12 female connector
- PG9 mounting thread
- Reverse-keyed, 5-pin, soldering contacts
- Front-mounted
- For use in PROFIBUS-DP applications
- Solder contact

Contact assignment



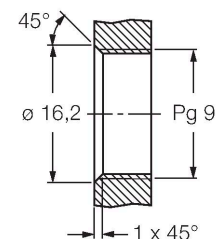
Headline Wiring Diagram

Pin Assignment



Technical data

Type	FKW5L
ID	6935916
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	front panel mounting
Screw-in thread seal	Plastic, NBR
Screw-in thread	PG9
Connection mode	Solder contact
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
Network protocol	PROFIBUS-DP
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



Front panel mounting

