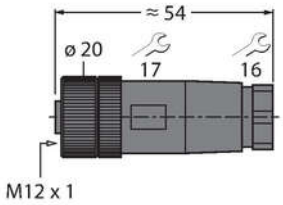
B8151-0/PG9
Accessories for Fieldbus Systems – Field-Wireable Connector Female Connector, M12 × 1, Straight





Technical data

Type	B8151-0/PG9
ID no.	6904604
Connector A	**Female, M12 × 1, Straight**
Number of Pins	5
Contacts	CuZn, Optalloy Coating
Contact carriers	Plastic, PA, Black
Connector body	Plastic, PA, Black
Coupling nut/screw	PA, Black
Seal	Plastic, FPM/FKM
Screw-in thread seal	plastic, NBR
Screw-in thread	PG9
External diameter of the cable	min. 6…8 mm
Core cross-section/Clamping ability	0.14…0.75 mm²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 50 Mating cycles
Type of protection	IP67, (screwed together)
Network protocol	DeviceNet CANopen
Shielding	no
Electrical properties at +20 °C	
Rated voltage	125 V
Current	4 A
Insulation resistance	≥ 10^8 Ω
forward resistance	≤ 8 mΩ
Mechanical and chemical properties	
Ambient temperature range (stationary)	-40 °C…+85 °C

Features

- zum Einsatz in DeviceNet / CANopen Applikationen
- A-Kodierung
- Screw-clamp terminal
- 5-pin
- PG9 screw-in thread
- Cable feedthrough 6.0…8.0 mm

Contact assignment



Anschlussbelegung DeviceNet /Canc

RFID pin assignment (S2503)



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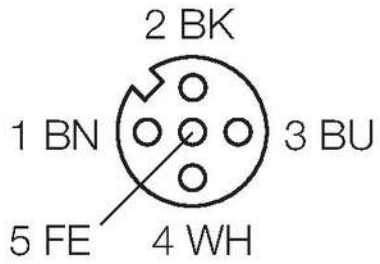
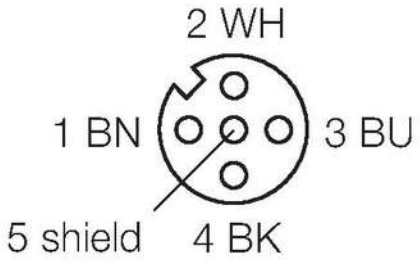
RFID pin assignment (S2500)



RFID pin assignment (S2501)



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