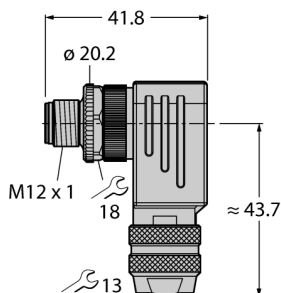
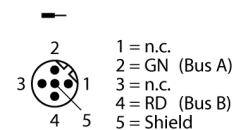


M12 × 1 Round Connector male, angled, customizable BMSWS8251-8.5



- For use in PROFIBUS-DP applications
- Up to 12 Mbps
- Shielding via iris spring connection
- B-coding
- Metal housing
- Screw-clamp terminal
- 5-pin
- M18 × 1 metric screw-in thread
- Cable diameter 6.0...8.5 mm

Pin Assignment



Type designation

Ident no.

BMSWS8251-8.5

6904724

Connector A side

Number of pins	Field-wireable connector, M12x1, Angled
Contacts	5
Contact carriers	Brass, CuZn, Gold-plated
Grip	Plastic, PA, Black
Coupling nut/screw	Brass, CuZn, Nickel-plated
Seal	Die-cast zinc, GD-Zn, Nickel-plated
Screw-in thread	Plastic
External diameter of the cable	M18x1
Core cross-section/Clamping ability	min. 6...8.5mm
Connection mode	0.14...0.75mm ²
Mechanical lifespan	Screw/clamp connection
Pollution degree	> 100 Mating cycles
Protection class	3
	IP67, (screwed together)

Shielding

yes

Electrical features at +20 °C

Rated voltage	125 V
Current	4 A
Insulation resistance	≥ 10 ⁹ Ω
Forward resistance	≤ 5 mΩ

Mechanical and chemical properties

Ambient temperature	
Stationary	-40...+85°C