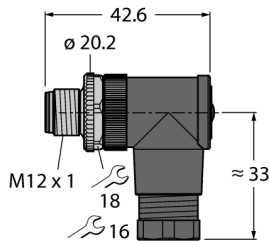
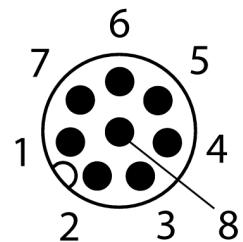


**M12 x 1 Round Connector
male, angled, customizable
BS8281-0**



- A-coding
- Metal coupling nut
- Screw-clamp terminal
- 8-pin
- PG9 screw-in thread
- Cable feedthrough 6.0...8.0 mm

Pin Assignment



Type designation	BS8281-0
Ident-No.	6930862
Ident-No (TUSA)	U2-07334

Connector A side	Field-wireable connector, M12x1, Angled
Number of pins	8
Contacts	brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Grip	Plastic, PA, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Screw-in thread seal	plastic, FPM/FKM
Mounting Thread A	PG9
External diameter of the cable	min. 6...8mm
Core cross-section/Clamping ability	0.14...0.5mm ²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)

Electrical features at +20 °C	
Rated voltage	60 V
Current	2 A
Insulation resistance	≥ 10 ⁸ Ω
Forward resistance	≤ 3 mΩ

Mechanical and chemical properties	
Ambient temperature	
Stationary	-40...+85°C