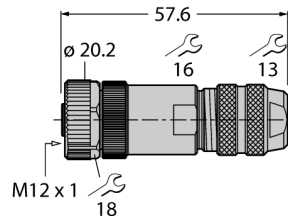
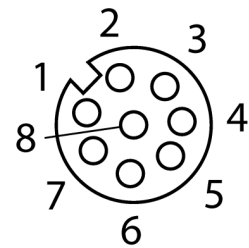


M12 x 1 Round Connector
Female, straight, customizable
CMB8181-0



- A-coding
- Metal housing
- Shieldable
- Shield ring
- Die-cast threaded ring
- Screw-clamp terminal
- 8-pin
- Cable feedthrough 6...8 mm
- Core cross-section 0.14...0.50 mm²

Pin Assignment



Type designation	CMB8181-0
Ident-No.	6931450
Ident-No (TUSA)	U0885-23

Connector A side	Field-wireable, female, M12x1, Straight
Number of pins	8
Contacts	brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Grip	Die-cast zinc, GD-Zn, Nickel-plated
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
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 ⁹ Ω
Forward resistance	≤ 3 mΩ

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