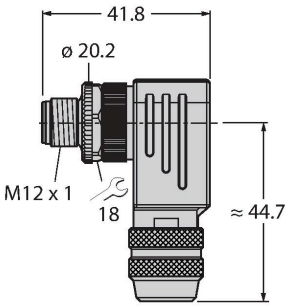
CMBS8251-0
Field-Wireable Connector
Male Connector M12 × 1, Angled



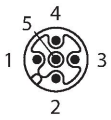
Technical data

Type	CMBS8251-0
ID	6930216
Connector A	Male, M12 × 1, Angled, A-coded
Number of pins	5
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Die-cast Zinc, GD-Zn, nickel-plated, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
External diameter of the cable	6…8 mm
Core cross-section/Clamping ability	0.14…0.75 mm²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	60 V
Current	4 A
Insulation resistance	≥ ≥ 10^8 Ω
forward resistance	≤ 3 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-40…+85 °C
Approvals	cULus recognized

Features

- A-coding
- Metal housing
- Shieldable
- Shield ring
- Die-cast threaded ring
- Screw-clamp terminal
- A-coding
- 5-pin
- Cable feedthrough 6…8 mm
- Core cross-section 0.14…0.75 mm²

Contact assignment



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