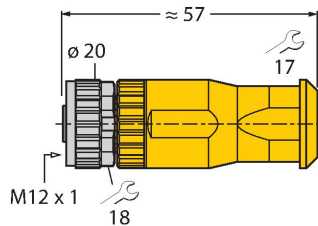


BM8151-0/PG9/YE

Field-Wireable Connector

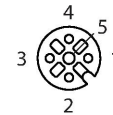
Female Connector M12 × 1, Straight



Features

- A-coding
- Yellow housing
- Metal coupling nut
- Cable feedthrough 4.0...8.0 mm
- Terminal capacity 0.25...1.50 mm²
- Protection class IP67
- RoHS compliant
- Screw-clamp terminal
- A-coding
- 5-pin

Contact assignment



Technical data

Type	BM8151-0/PG9/YE
ID	6936233
Connector A	Female, M12 × 1, Straight, A-coded
Number of pins	5
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA6, UL 94, Black
Connector body	Plastic, PA6 GF, UL 94, Yellow
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Seal	Plastic, FPM/FKM
Screw-in thread seal	Plastic, FPM/FKM
External diameter of the cable	4...8 mm
Core cross-section/Clamping ability	0.25...1.5 mm ²
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
Mechanical and chemical properties	
Ambient temperature (fixed)	-30...+85 °C