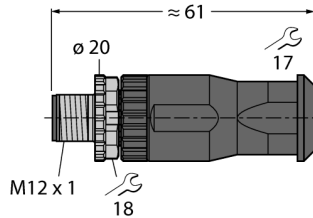
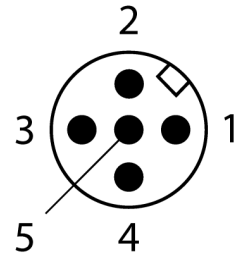


**Round connector M12 x 1
male, straight, customizable
BMS8159-0/PG9**



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

Pin Assignment



Type designation	BMS8159-0/PG9
Ident no.	100000589
Connector A side	Field-wireable connector, M12x1, Straight
Number of pins	5
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA6, UL 94, Black
Grip	Plastic, PA6 GF, UL 94, Black
Coupling nut/screw	Die-cast zinc, GD-Zn, Nickel-plated
Seal	Plastic, FPM/FKM
Screw-in thread seal	plastic, FPM/FKM
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	7.5 A
Insulation resistance	≥ 10 ⁸ Ω
Mechanical and chemical properties	
Ambient temperature	