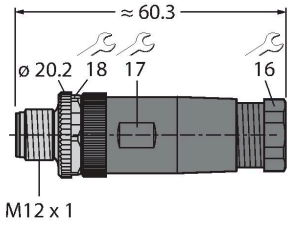
BS81121-0/PG9
Field-Wireable Connector
Male Connector M12 × 1, Straight



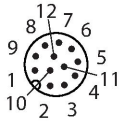
Technical data

Type	BS81121-0/PG9
ID	6604053
Connector A	Male, M12 × 1, Straight, A-coded
Number of pins	12
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, PA, Black
Coupling nut/screw	Die-cast Zinc, GD-Zn, Nickel-plated
Screw-in thread seal	Plastic, FPM/FKM
Screw-in thread	PG9
External diameter of the cable	6…8 mm
Core cross-section/Clamping ability	0.14…0.25 mm²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 100 Mating cycles
Protection class	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	30 V
Current	2 A
Insulation resistance	≥ ≥ 10^8 Ω
forward resistance	≤ 3 mΩ
Mechanical and chemical properties	
Ambient temperature (fixed)	-40…+85 °C
Approvals	cULus recognized

Features

- Metal coupling nut
- UL approval
- Solder connection
- 12-pin
- PG9 screw-in thread
- Cable feedthrough 6.0…8.0 mm

Contact assignment



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