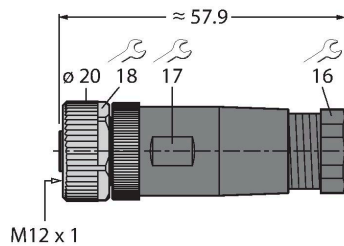


# B81121-0/PG9

## Field-Wireable Connector

### Female Connector M12 × 1, Straight



#### Technical data

Type	B81121-0/PG9
ID	6604052
Connector A	Female, 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
Seal	Plastic, FPM/FKM
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 mm <sup>2</sup>
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 <sup>8</sup> 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

