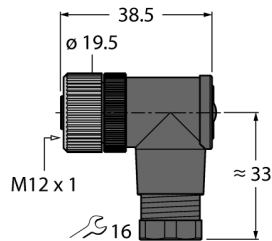
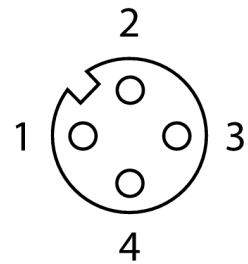


**Round connector M12 x 1
field-wireable female connector, angled
B8241-0/PG9**



- Plastic coupling nut
- UL approval
- Screw-clamp terminal
- A-coding
- 4-pin
- PG9 screw-in thread
- Cable feedthrough 6.0...8.0 mm

Pin Assignment



Type designation	B8241-0/PG9
Ident no.	6904801
Connector A side	
Number of pins	Field-wireable, female, M12x1, Angled 4
Contacts	Brass, CuZn, Optalloy coating
Contact carriers	Plastic, PA, Black
Grip	Plastic, PA, Black
Coupling nut/screw	Plastic, PA, Black
Screw-in thread	PG9
External diameter of the cable	min. 6...8mm
Core cross-section/Clamping ability	0.14...0.75mm ²
Connection mode	Screw/clamp connection
Mechanical lifespan	> 50 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
Electrical features at +20 °C	
Rated voltage	250 V
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω
Forward resistance	≤ 8 mΩ
Mechanical and chemical properties	
Ambient temperature	
Stationary	-40...+85°C
Approvals	UL