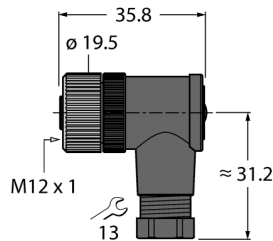
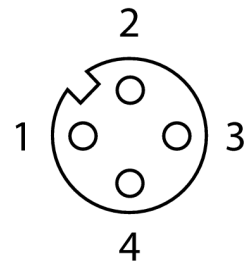


**Round connector M12 x 1
field-wireable female connector, angled
B8241-0**



- Plastic coupling nut
- UL approval
- Screw-clamp terminal
- A-coding
- 4-pin
- PG7 screw-in thread
- Cable bushing 4.0 ... 6.0 mm

Pin Assignment



Type designation	B8241-0
Ident no.	69048
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Connector A side	Field-wireable, female, M12 x 1, angled
Number of Pins	4
Contacts	Brass, CuZn, Optalloy-coated
Contact carriers	Plastic, PA, Black
Grip	Plastic, PA, black
Coupling nut/screw	Plastic, PA, black
Seal	plastic, FPM/FKM
Screw-in thread seal	plastic, FPM/FKM
Screw-in thread	PG7
External diameter of the cable	min. 4... 6mm
Core cross-section/Clamping ability	0.14...0.75mm ²
Connection mode	Screw terminal
Mechanical lifespan	> 50 mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
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Electrical features at +20 °C	
Rated Voltage	250 V
Ampacity	4 A
Insulation resistance	≥ 10 ⁹ Ω
Forward resistance	≤ 8 mΩ
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Mechanical and chemical properties	
Ambient temperature	
Stationary	-40...+85°C
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Approvals	UL