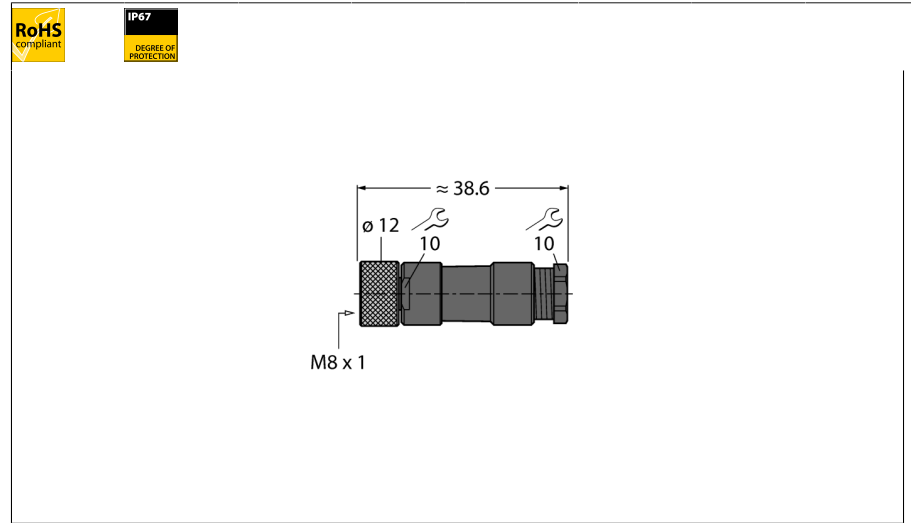
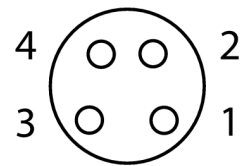


M8 x 1 / Ø 8 mm round connector
Female, straight, customizable
B5141-0



- Metal coupling nut
- Protection class IP67
- Solder connection
- 4-pin
- M11 × 0.75 metric screw-in thread
- Cable feedthrough 3.5...5.0 mm

Pin Assignment



Type designation	B5141-0
Ident no.	6904915
Connector A side	
Field-wireable, female, M8x1, Straight	
Number of pins	4
Contacts	Bronze, CuSn, Gold-plated
Contact carriers	Plastic, PA, Black
Grip	Plastic, PBT, Black
Coupling nut/screw	Die-cast zinc, GD-Zn, Nickel-plated
Seal	Plastic, Neoprene
Screw-in thread seal	plastic, FPM/FKM
Screw-in thread	M11x0.75
External diameter of the cable	min. 3.5...5mm
Core cross-section/Clamping ability	0.14...0.25mm ²
Connection mode	Solder contact
Mechanical lifespan	> 100 Mating cycles
Pollution degree	3
Protection class	IP67, (screwed together)
Electrical features at +20 °C	
Rated voltage	30 V
Current	4 A
Insulation resistance	≥ 10 ⁸ Ω
Forward resistance	≤ 3 mΩ
Mechanical and chemical properties	
Ambient temperature	
Stationary	-40...+85°C