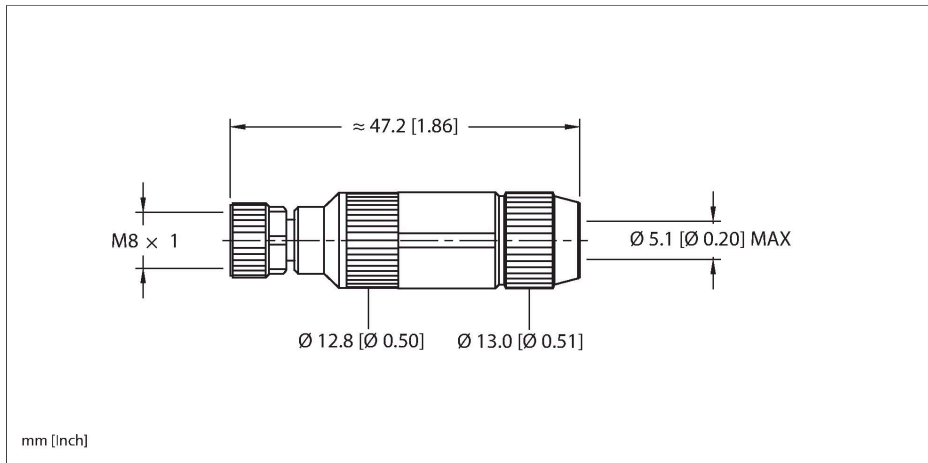


B 5146-0

Field-Wireable Connector – M8 × 1 Female Connector, Straight



Technische Daten

Type	B 5146-0
ID	U6579-1
Housing	Die-cast zinc, Za, Chrome-plated
Connector A	Female, M8 × 1, Straight
Design specification	Acc. to IEC 61076-2-104
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, PA, Black
Connector body	Plastic, PA, Black
Coupling nut	Die-cast Zinc, CuZn, Nickel-plated
Connector seal	O-ring, Plastic, FKM/FPM
Tightening torque	4 Nm
Tightening torque (range)	0.4 ... 0.8 Nm (note max. torque of mating connector!)
Acceptable cable diameter	2.5...5.1 mm
Core cross-section/Clamping ability	0.14...0.34 mm ²
Core cross-section/terminal capacity	26...22 AWG
Connection mode	Insulation displacement terminal
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class (When coupled)	IP67
Electrical properties at +20 °C	
Rated voltage	32 V
Current	4 A

Features



- M8 female connector, straight, 4-pin
- Metal coupling nut
- Cable feedthrough 4.0...5.1 mm
- Penetration technology
- Protection class IP67
- 4 Pins
- Insulation displacement Wire Termination
- Plastic Housing

Contact assignment



Technische Daten

Insulation resistance	$\geq 10^8 \Omega$
forward resistance	max. 10 Ω/km
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+85 °C
Approvals	RoHS
Note	
- We reserve the right to make technical alterations without prior notice.	