

T pieces M12 (PROFIBUS PA)

Function

T piece M12 (PROFIBUS PA) serves as connector of PROFIBUS PA devices.

Technical data

- Rated current: Max. 250 V
- Current carrying capacity: 4 A
- Insulation resistance: $\geq 108 \Omega$
- Volume resistance: $\leq 5 \text{ m}\Omega$

Ambient conditions

- Ambient temperature: -30°C to $+90^\circ\text{C}$
- Protective system (Dummy): IP67, only with srwes
- Protective system: IP67, only in mated condition (plug-in connector)
- Pollution degree: 3/2

Design

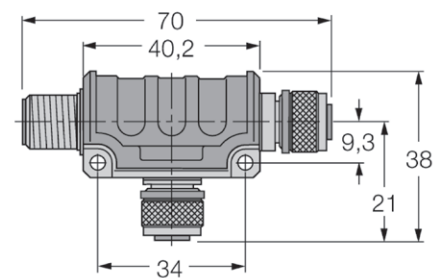
- Pole number: 4
- Plug-in connector: Coupler, 2x, M12x1, straight
- Handhold: Plastic, PA 6, black
- Contact carrier: Plastic, TPU, black
- Contacts: Metal, CuZn, gold plate
- Union nut and screw: Metal, CuZn, nickel plate
- Sealing: Plastic, FPM (Viton)
- Mechanical life: Min. 100 plug cycles

CE mark

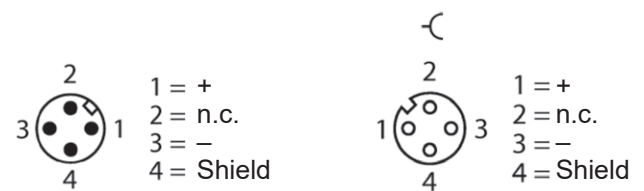
Connectors are passive devices and not subject to CE marking according to EU guidelines.



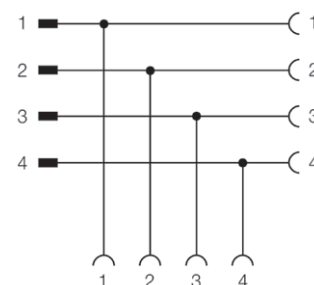
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Engineering drawing



Pin assignment



Wiring diagram

Ordering details

Art. No.

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