

Connector M12 without PG 180° axial

Function

The bus connector is specifically designed for a simple, fast and safe plug & play connection of maximum 40 PROFIBUS devices in PROFIBUS systems up to 2 Mbit/s. The front-end standardized PROFIBUS sub-miniature connector is plugged to the PB device. The axial design with the 180° cable outlet makes it particularly suitable for installation in places where two interfaces are arranged on top of each other.

The bus connector is connected with the bus network by pre-cut M12 PROFIBUS cables.

For shielding and safe use even under rougher conditions it has been provided with an all-metal housing. The influences of problematic bus components and the influences of measuring and test devices are largely compensated.

Bus connection

- 9-pin sub-D interface
- M12 B-coded
- Axial cable outlet

Electrical parameters

- Bus termination: Bus termination resistors activated via external switch or via M12 terminating resistor
- Baud rate: 9,6 kbps to 12 Mbps

Ambient conditions

- Ambient temperature: -20 °C to +70 °C
- Permissible humidity: max. 75% at +25 °C, non-condensing
- Industrial protection: IP30

Design

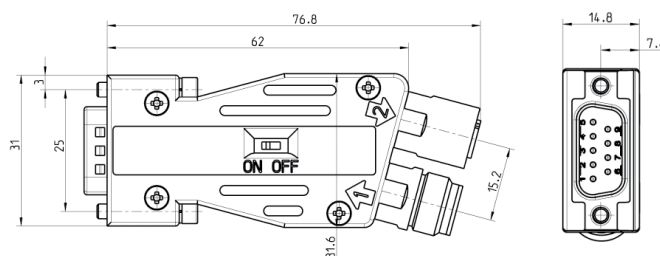
- Dimensions (H x W x D): 31 x 14,8 x 76,8 mm
- Interface: 9-pin sub-D
- Casing: Zinc alloy

CE mark

Plugs are passive components and are not subject to the CE mark system pursuant to EU Directives.



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M12 × 1 - dowel

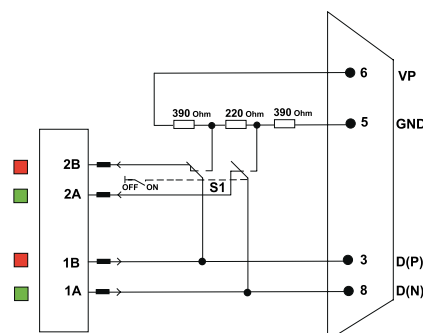


M12 × 1 - socket



Fieldbus connection by M12 B-encoded

Engineering drawing



Functional diagram

Ordering details

Art. No.

Connector M12 without PG 180° axial

110050018

Accessories

M12 terminator socket

110050019