

M12 round plug connector ready made-up (B-coded)

Function

Ready made-up fieldbus lines ensure easy and safe wiring of the fieldbus components.

Time-consuming single wiring and possible bus problems due to distortions or a lack of allover screening are thus things of the past.

The lines are available with sprayed-on plug connectors on one or either side. The preferential lengths of one-sided connections is 10 m and 0.3 m and 0.6 m for the double-sided types.

Electrical parameters

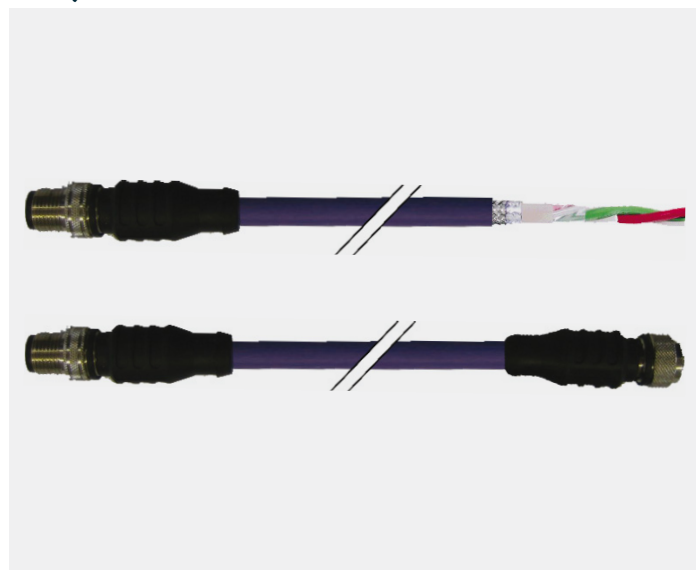
- Surge impedance: at 20 MHz: 150 Ohm \pm 15 Ohm
- Rated voltage: 4,0 A
- Line resistance: \leq 93,3 Ohm / km

Ambient conditions

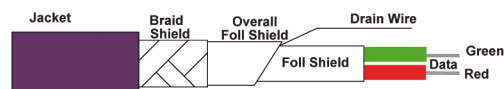
- Operating temperature: -40 °C to +70 °C
- Industrial Protection: IP67 and NEMA 1, 3, 4, 6, 13

Design

- Bus connection: M12x1, inversely encoded in accordance with PNO guidelines)
- Casing: uncast polyurethane, creepage and clearance in air acc. to VDE c110, size C (250 V 1c / 300 VDC)
- Contact: gold-plated brass
- Cap nut: nickel-plated brass



Cable ready made-up M12 (B-coded)

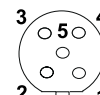


Engineering drawing

M12 × 1 - dowel



M12 × 1 - socket



Pin 1: Not used
Pin 2: A cable (green)
Pin 3: Not used
Pin 4: B cable (red)
Pin 5: Not used

Pin assignment

Ordering details

Art. No.

Cable M12 (B-coded), ready made-up on one end

10 meter (socket) 110070012

10 meter (connector) 110070013

Cable M12 (B-coded), bready made-up on both ends

0,3 meter (socket, connector) 110070007

0,6 meter (socket, connector) 110070011