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 ±15 Ohm
- Rated voltage: 4,0 A
- Line resistance: ≤ 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: unpcast 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

Ordering details

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>110070012</td>
<td>Cable M12 (B-coded), ready made-up on one end</td>
</tr>
<tr>
<td>110070013</td>
<td>10 meter (connector)</td>
</tr>
<tr>
<td>110070007</td>
<td>Cable M12 (B-coded), ready made-up on both ends</td>
</tr>
<tr>
<td>110070011</td>
<td>0.3 meter (socket, connector)</td>
</tr>
<tr>
<td></td>
<td>0.6 meter (socket, connector)</td>
</tr>
</tbody>
</table>

Pin assignment

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