Control cabinet bushing M12 (B-coded)

**Function**

The cable entry into switchgear cubicles or terminal box is rendered through a bushing. The bus lines are connected via B-encoded M12 plug-and-socket connectors.

**Application instruction**

The M12x1 bushing is designed for PROFIBUS lines to be laid in switchgear cubicals, terminal boxes etc. The connection is realised by B-encoded plug-and-socket connectors. Holes of 12.7 mm diagram are needed for the M12x1 bushings.

**Ambient conditions**

- Operating temperature: -40 °C to +80 °C
- Industrial Protection: IP67 and NEMA 1, 3, 4, 6

**Design**

- Casing for plug and socket connector: Nickel-plated brass, creepage and clearance in air to VDE 0110, size C (250 V AC / 300 V DC)
- Contact carrier: PA6 (plastic)
- Contact material: Gold-plated brass

**Ordering details**

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<tr>
<th>M12 Control cabinet bushing M12 (B-coded)</th>
<th>Art. No.</th>
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**Engineering drawing**

Pin 1-4 plated trough
- Pin 1: not used
- Pin 2: A line (green)
- Pin 3: not used
- Pin 4: B line (red)
- Pin 5: not used

Pin assignment
- Pin 1: not used
- Pin 2: A line (green)
- Pin 3: not used
- Pin 4: B line (red)
- Pin 5: not used