Round plug connector IE Fast Connect Plug PRO M12 (D-coded)

Use

The customizable connectors are used to connect the Ethernet and PRO-FINET cable to the device or as coupling in rough environments.

How to use

The customizable M12x1 connectors permit an easy on-site assembly. The connectors for Ethernet / PROFINET are 4-pole types, D-coded. The shield is contacted through the connector housing. The connectors have a shielded metal housing.

Bus connection

- M12 (d-coded)
- Fast Connect
- Axial (180°)
- Transfer speed: 10/100 MBit/s

Electrical parameters

- Transfer speed: 10 / 100 Mbps
- Number of electrical connections: For IE FC TP Lines - 4
  For Network components - 1
  For Devices - 1
- Electrical connections: For IE FC TP integrated insulation displacement contacts for 4-wire TP FC installation lines
  for Netzwork components or devices - M12 connector (D-coded)

Ambient conditions

- Operating temperature: -40°C to +85°C
- Protection type: IP65/67 when connected and screwed   (DIN VDE 0470)

Constructive design

- Weight: 40 g
- Housing: Metal
- Dimensions (WxHxD):   19 x 19 x 73 mm
- Contact surface: Brass alloy (CuSnZn)
- Connection cross-section: Max. 0.75 mm²

CE mark

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

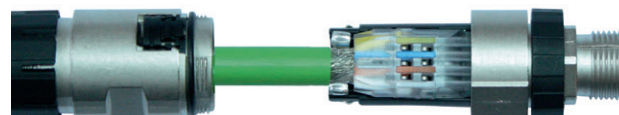**Circular connector IE Fast Connect Plug PRO M12 (D-coded)**

Sample application (side view)

Sample application (view from above)

M12 Stecker
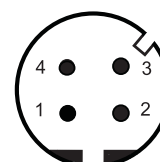
Signal	Designation	Wire color	Assignment	
			RJ45	M12
TD+	Transmission Data +	yellow	1	1
TD-	Transmission Data -	orange	2	3
RD+	Receive Data +	white	3	2
RD -	Receive Data -	blue	6	4

Pin assignment

Ordering details	Art. No.
Circular connector IE Fast Connect Plug PRO M12 (d-coded)	114030002