

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

### Use

The customizable connectors are used to connect the Ethernet and PROFINET 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 Network 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 mm<sup>2</sup>

### CE mark

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

### Ordering details

### Art. No.

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

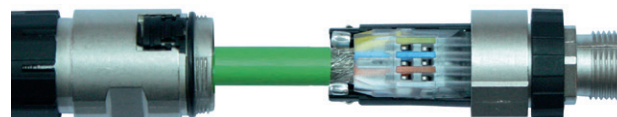
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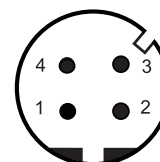


Sample application (side view)



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