

4-Pin D-Code Single-Ended M12 Female or Male Cordsets



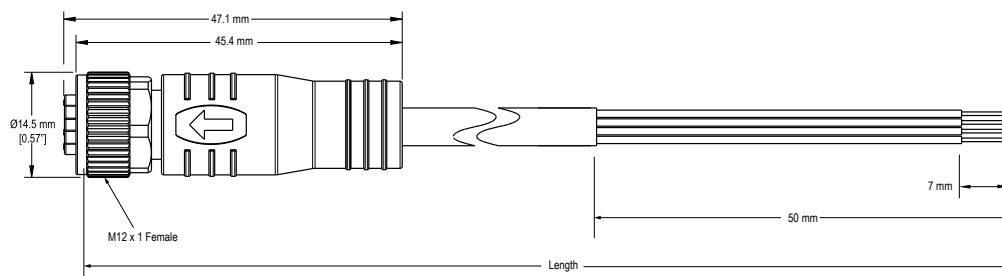
Features

- 4-pin D-code M12 female or M12 male (depending on the model), 4 conductors, multiple length options
- Black TPU overmolding
- Straight connector options

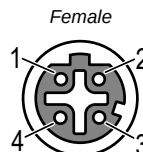
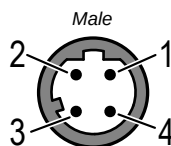
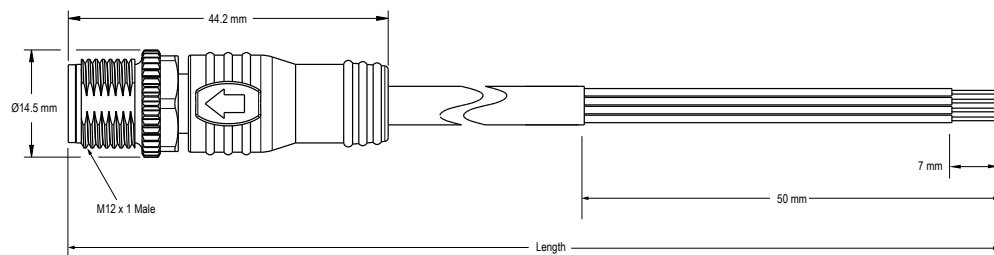
Models

Connector		-	Length
BCD-	M12DF	-	5
M12DF = 4-pin D-Code M12 Female		Length (m)	
M12DM = 4-pin D-Code M12 Male			

BCD-M12DF-x Cordsets



BCD-M12DM-x Cordsets



Wire crossover

Wires

- | | |
|------------------|---|
| 1 - White/orange | ✕ |
| 3 - Orange | ✕ |
| 2 - White/blue | ✕ |
| 4 - Blue | ✕ |

The wires are listed out of order because of the twisted pairs.

Specifications

Current Rating

4 A

Voltage Rating

60 V DC

Minimum Bend Radius

>10× the outside diameter

AWG

22 AWG



Connections

4-pin D-Code M12 female or male, depending on the model

Construction

Coupling nut: Nickel-plated zinc

Terminal: Gold-plated brass

Jacket: PVC

Black TPU overmolding

Shielding

Shielding tied to coupling nuts

Operating Conditions

Fixed installation: -40 °C to +85 °C (-40 °F to +185 °F)

Flexible installation: -20 °C to +80 °C (-4 °F to +176 °F)

Vibration and Mechanical Shock

Meets IEC 60068-2-6:2008 requirements for vibration (10 Hz to 55 Hz sine; 0.5 mm amplitude, 5 minutes sweep cycle duration with 2.5 minutes per sweep, 30 minutes dwell duration at resonant frequency)

Meets IEC 60068-2-27:2009 requirements for shock (15 G, half-sine wave, 11 ms duration)

Environmental Rating

IP67

Certifications



Banner Engineering BV
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