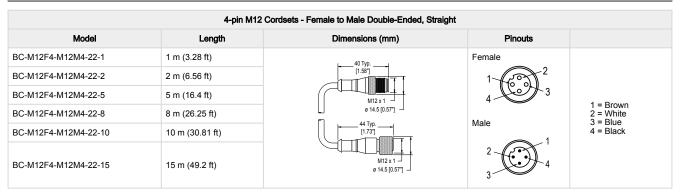
BC-M12F4x-M12M4x-22-x 4-pin Double-Ended Cordsets



Features

- M12 female to male (double-ended), four conductors, multiple length options
- · Black PVC jacket, unshielded, A-code connector
- · Straight and right-angle connector options

BC-M12F4-M12M4-22-X Models



| 4-pin M12 Cordsets - Female Straight to Male Right-Angle Double-Ended | | | | | | |
|---|-----------------|--|---|-----------------------|--|--|
| Model | Length | Dimensions (mm) | Pinouts | | | |
| BC-M12F4-M12M4A-22-1 | 1 m (3.28 ft) | 32 Typ. [1 287] 30 Typ. [1.187] 30 Typ. [1.187] 44 Typ. 44 Typ. 44 Typ. 41 Typ. 41 Typ. 41 Typ. | Female 1 0 0 3 1 = Brown 2 = White 3 = Blue 4 = Black | | | |
| BC-M12F4-M12M4A-22-2 | 2 m (6.56 ft) | | | 2 = White 3 = Blue | | |
| BC-M12F4-M12M4A-22-5 | 5 m (16.4 ft) | | | | | |
| BC-M12F4-M12M4A-22-8 | 8 m (26.25 ft) | | | | | |
| BC-M12F4-M12M4A-22-10 | 10 m (30.81 ft) | | | | | |
| BC-M12F4-M12M4A-22-15 | 15 m (49.2 ft) | | | | | |

| 4-pin M12 Cordsets - Female Right-Angle to Male Right-Angle Double-Ended | | | | | | |
|--|-----------------|---|-----------|-----------------------|--|--|
| Model | Length | Dimensions (mm) | Pinouts | | | |
| BC-M12F4A-M12M4A-22-1 | 1 m (3.28 ft) | 32 Typ. (1.26') 30 Typ. (1.18') 0 (14.5 [0.57'] 31 Typ. | Female 1 | | | |
| BC-M12F4A-M12M4A-22-2 | 2 m (6.56 ft) | | | 2 = White 3 = Blue | | |
| BC-M12F4A-M12M4A-22-5 | 5 m (16.4 ft) | | | | | |
| BC-M12F4A-M12M4A-22-8 | 8 m (26.25 ft) | | | | | |
| BC-M12F4A-M12M4A-22-10 | 10 m (30.81 ft) | | | | | |
| BC-M12F4A-M12M4A-22-15 | 15 m (49.2 ft) | | | | | |

Specifications

Current Rating

4 A

Voltage Rating

250 V

Bend Radius

Static: 5× the outside diameter

Dynamic: 10× the outside diameter

AWG

22 AWG

Outer Diameter

5.21 mm

Connections

Integral 4-pin M12 quick disconnect (female, male)

Construction

Coupling nut material: Nickel-plated brass

Contact carrier: Black nylon Connector body: Black PUR Jacket material: Black PVC

Vibration and Mechanical Shock

Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell) Meets IEC 60068-2-27 requirements (Shock: 30G 11 ms duration, half sine wave)

Coding

Α

Operating Conditions

Operating temperature: -40 °C to +70 °C (-40 °F to +158 °F) Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F) 90% at +50 °C maximum relative humidity (non-condensing)

Environmental Rating

IP66, IP67, IP68 UL Type 1

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