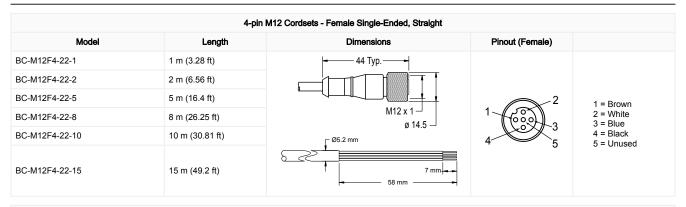
# BC-M12F4-22-X 4-pin Single-Ended Female Cordsets



## **Features**

- · M12 female to flying leads, four conductors, multiple length options
- · Black PVC jacket, unshielded, A-code connector
- · Straight and right-angle connector options

# BC-M12F4-22-x Models



4-pin M12 Cordsets - Female Single-Ended, Right-Angle				
Model	Length	Dimensions	Pinout (Female)	
BC-M12F4A-22-1	1 m (3.28 ft)	32 Typ. [1.26"] 30 Typ. [1.18"]  M12 x 1  Ø 14.5 [0.57"]  Ø 52 mm	2 3 3 1 4	1 = Brown 2 = White 3 = Blue 4 = Black 5 = Unused
BC-M12F4A-22-2	2 m (6.56 ft)			
BC-M12F4A-22-5	5 m (16.4 ft)			
BC-M12F4A-22-8	8 m (26.25 ft)			
BC-M12F4A-22-10	10 m (30.81 ft)			
BC-M12F4A-22-15	15 m (49.2 ft)			

# BC-M12F4-22 Specifications

#### **Current Rating**

4 A

#### Voltage Rating

250 V

#### Installation

Static: 5× the outside diameter Dynamic: 10× the outside diameter

#### AWG

22 AWG

#### **Outer Diameter**

5.21 mm

#### Coding

Α

#### 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)

#### Connections

Integral 4-pin M12 female quick disconnect

#### **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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