

BC-M12M8x-24-x 8-pin Single-Ended Male Cordsets



Features

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

BC-M12M8-24-X Models

8-pin M12 Cordsets - Male Single-Ended, Straight				
Model	Length	Dimensions (mm)	Pinout (Male)	
BC-M12M8-24-1	1 m (3.28 ft)			1 = Brown 2 = White 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BC-M12M8-24-2	2 m (6.56 ft)			
BC-M12M8-24-5	5 m (16.4 ft)			
BC-M12M8-24-8	8 m (26.25 ft)			
BC-M12M8-24-10	10 m (30.81 ft)			
BC-M12M8-24-15	15 m (49.2 ft)			
8-pin M12 Cordsets - Male Single-Ended, Right-Angle				
Model	Length	Dimensions (mm)	Pinout (Male)	
BC-M12M8A-24-1	1 m (3.28 ft)			1 = Brown 2 = White 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BC-M12M8A-24-2	2 m (6.56 ft)			
BC-M12M8A-24-5	5 m (16.4 ft)			
BC-M12M8A-24-8	8 m (26.25 ft)			
BC-M12M8A-24-10	10 m (30.81 ft)			
BC-M12M8A-24-15	15 m (49.2 ft)			

Specifications

Current Rating

2 A

Voltage Rating

30 V

Minimum Bend Radius

>10× the outside diameter

AWG

24 AWG

Outer Diameter

5.92 mm

Coding

A

Connections

Integral 8-pin M12 male quick disconnect

Construction

Coupling nut material: Nickel-plated brass

Contact carrier: Black nylon

Connector body: Black PUR

Jacket material: Black PVC

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)

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)

Environmental Rating

IP66, IP67, IP68

UL Type 1

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Original Instructions

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