4-pin A-Code Double-Ended M12 Female to M12 Male Cordsets with Stainless Steel Coupling Nuts



Features

- · M12 female to male (double-ended), four wires, multiple length options
- · Black PVC jacket, unshielded, A-code, stainless steel nut
- · Straight connector options

Models

4-pin A-Code Double-Ended M12 Female to M12 Male Cordsets with Stainless Steel Nuts (datasheet p/n 252791)				
Model	Length	Dimensions (mm)	Pinouts	
BC-M12F4-M12M4-22-1-SST	1 m (3.28 ft)	0 14.5 [0.57] M12 x 1 44 Typ. (1.73) 0 14.8 mm M12 x 1 40 Typ. [1.58]	Female 2 3 5	1 = Brown
BC-M12F4-M12M4-22-2-SST	2 m (6.56 ft)			
BC-M12F4-M12M4-22-5-SST	5 m (16.4 ft)			
BC-M12F4-M12M4-22-10-SST	10 m (30.81 ft)		Male 2 1 4	2 = White 3 = Blue 4 = Black 5 = Unused

Specifications

Current Rating

4 A

Voltage Rating

30 V DC

Bend Radius

Static: 5× the outside diameter

Dynamic: 10× the outside diameter

AWG

22 AWG

Outer Diameter

5.2 mm

Connections

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

Construction

Coupling nut material: Stainless steel

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

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