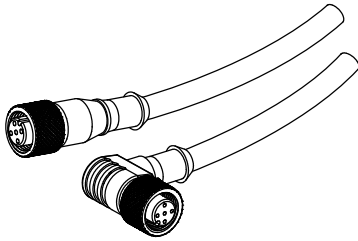


4-pin M12 Cordsets

Datasheet



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

Models

4-Pin Threaded M12 Cordsets—Single Ended					
Model	Length	Style	Dimensions	Pinout (Female)	
MQDC-403	1 m (3.28 ft)	Straight			1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-406	2 m (6.56 ft)				
MQDC-415	5 m (16.4 ft)				
MQDC-430	9 m (29.5 ft)				
MQDC-450	15 m (49.2 ft)				
MQDC-4100	30 m (98.43 ft)				

4-Pin Threaded M12 Cordsets—Single Ended					
Model	Length	Style	Dimensions	Pinout (Female)	
MQDC-406RA	2 m (6.56 ft)	Right-Angle			1 = Brown 2 = White 3 = Blue 4 = Black
MQDC-415RA	5 m (16.4 ft)				
MQDC-430RA	9 m (29.5 ft)				
MQDC-450RA	15 m (49.2 ft)				
MQDC-4100RA	30 m (98.43 ft)				



Specifications

Current Rating

4 A

Voltage Rating

300 V

Minimum Bend Radius

>10× the outside diameter

AWG

22 AWG

Outer Diameter

5.21 mm

Connections

Integral 4-pin M12 female quick disconnect

Coding

A

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)

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)

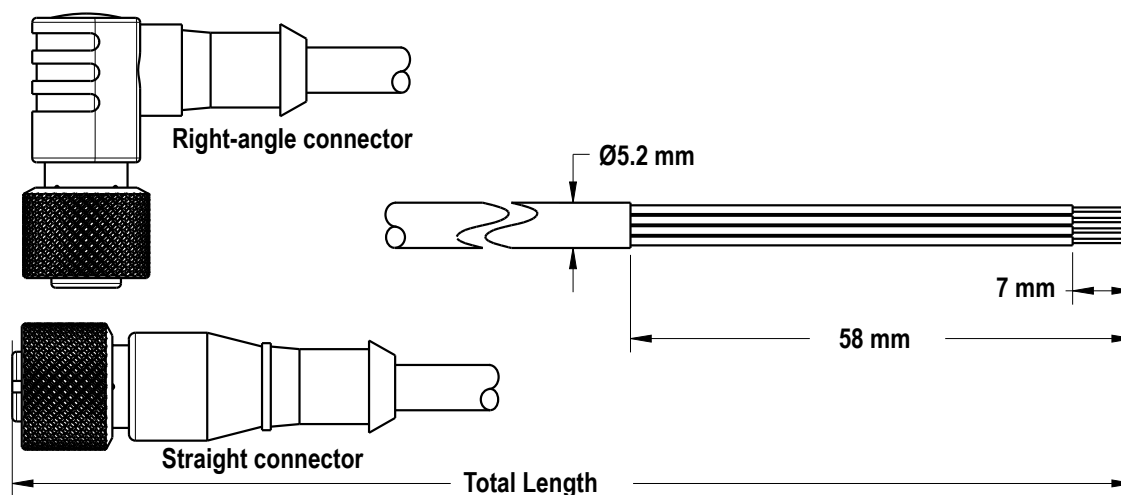
Environmental Rating

IP66, IP67, IP68
 NEMA 1, UL Type 1

Certifications



Figure 1. Wire dimensions



For more details about the connector, see [Models](#) on p. 1.

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