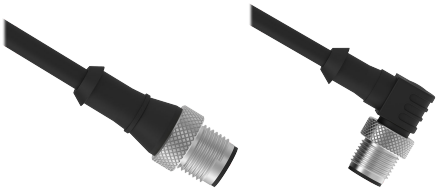
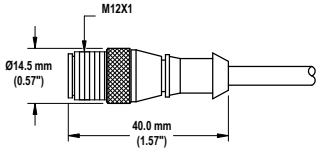
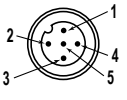
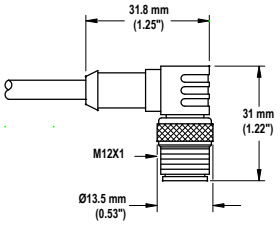
M12 MQDMC-5xx Cordsets (5-pin)

Datasheet



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

Models

5-Pin Threaded Male M12 Cordsets—Single Ended				
Model	**Length**	**Style**	**Dimensions**	**Pinout (Male)**
MQDMC-501	0.3 m (1 ft)	Straight		 1 = Brown 2 = White 3 = Blue 4 = Black 5 = Gray
MQDMC-506	2.04 m (6.69 ft)			
MQDMC-515	5.04 m (16.5 ft)			
MQDMC-530	9.04 m (29.7 ft)			
MQDMC-550	15 m (49.2 ft)			
MQDMC-506RA	2 m (6.56 ft)	Right-Angle		
MQDMC-515RA	5 m (16.4 ft)			
MQDMC-530RA	9 m (29.5 ft)			

Specifications

Current Rating
4 A (passthrough)

Voltage Rating
30 V DC

Minimum Bend Radius
>10× the outside diameter

AWG
22 AWG

Outer Diameter
5.6 mm

Coding
A

Connections
Integral 5-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
NEMA 1, UL Type 1

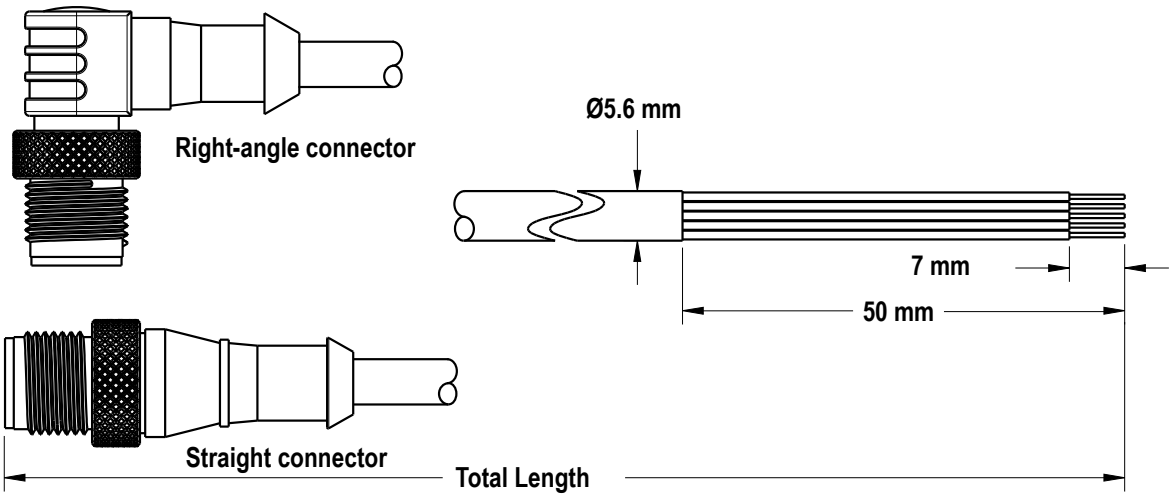
Original Document
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8 March 2022

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ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Figure 1. Wire dimensions



For more details about the connector, see Models on page 1.

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