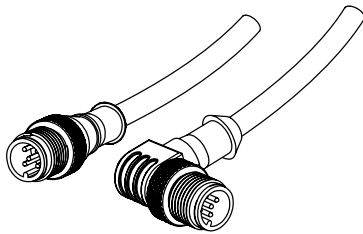


# M12 MQDMC-4xx Single-Ended Male Cordsets (4-pin)



## Datasheet



- M12 male 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 Male M12 Cordsets—Single Ended				
Model	Length	Style	Dimensions	Pinout (Male)
MQDMC-401	0.23 m (0.75 ft)	Straight		<p>1 = Brown 2 = White 3 = Blue 4 = Black</p>
MQDMC-406	2 m (6.7 ft)			
MQDMC-415	5 m (15.4 ft)			
MQDMC-430	10 m (32.9 ft)			
MQDMC-406RA	1.8 m (6 ft)	Right-angle		
MQDMC-415RA	4.5 m (15 ft)			
MQDMC-430RA	9.1 m (30 ft)			

## Specifications

### Current Rating

4 A

### Voltage Rating

250 V

### Minimum Bend Radius

Installation:

Static: 5× the outside diameter

Dynamic: 10× the outside diameter

### AWG

22 AWG

### Outer Diameter

5.21 mm

### Coding

A

### Connections

Integral 4-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

### Certifications



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Culliganlaan 2F bus 3,  
1831 Diegem,  
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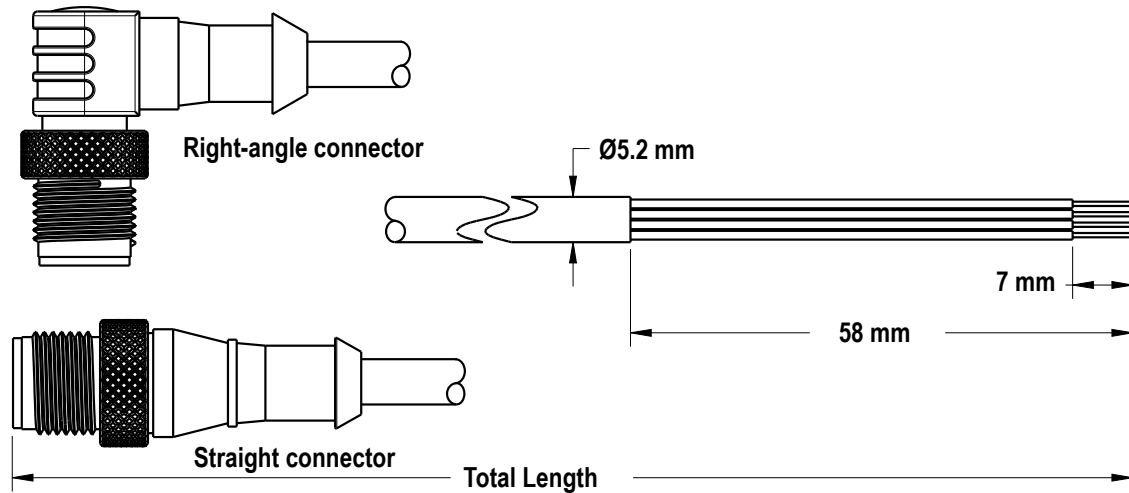


UL Listing: CYJV.E230439 UL2238

cUL Listing: CYJV7.E230439



Figure 1. Wire dimensions



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

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