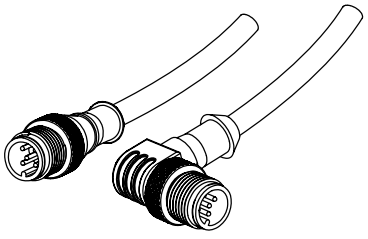
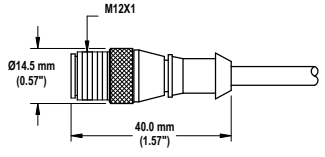
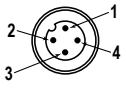
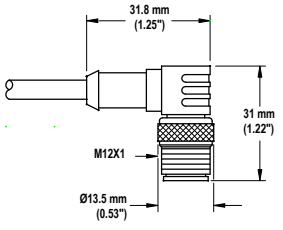
# M12 MQDMC-4xx Single-Ended Male Cordsets (4-pin)

## 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 |  |  | 1 = Brown<br>2 = White<br>3 = Blue<br>4 = Black |
| **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**

**Banner Engineering Europe** Park Lane, Culliganlaan 2F bus 3, 1831 Diegem, BELGIUM

**Turck Banner LTD** Blenheim House, Blenheim Court, Wickford, Essex SS11 8YT, Great Britain

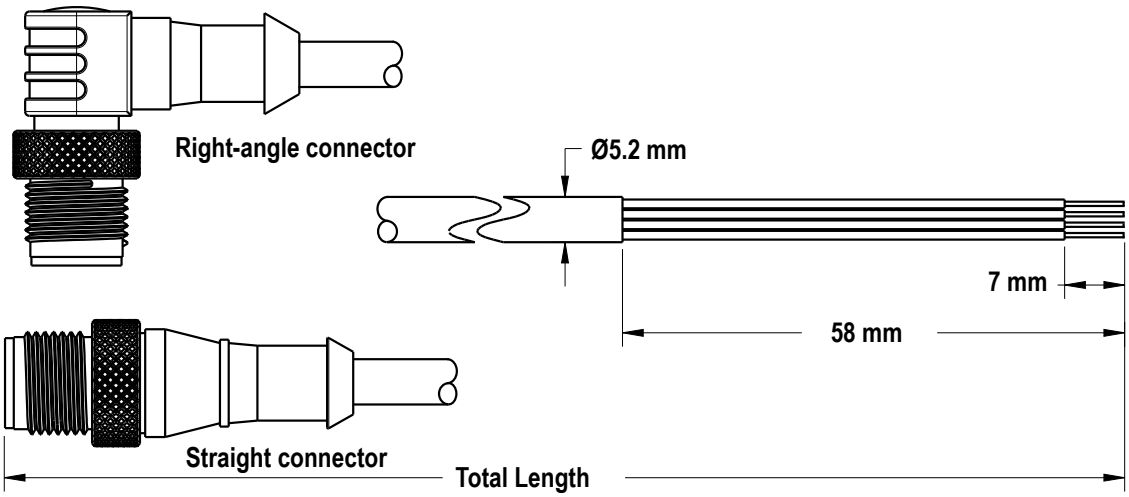
UL Listing: CYJV.E230439 UL2238

cUL Listing: CYJV7.E230439



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*Figure 1. Wire dimensions*




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

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