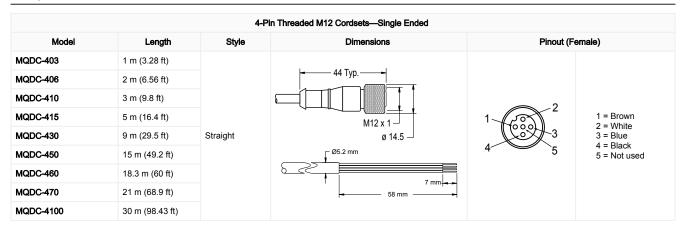
# M12 MQDC-4xx Single-Ended Female Cordsets (4-pin)



## **Features**

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

## MQDC-4xx Models



4-Pin Threaded M12 Cordsets—Single Ended						
Model	Length	Style	Dimensions	Pinout (Female)		
MQDC-406RA	2 m (6.56 ft)	Right-Angle	32 Typ. [1.26"] 30 Typ. [1.18"]  w14.5 [0.57"]  05.2 mm  7 mm			
MQDC-415RA	5 m (16.4 ft)			2 1 2 3 4	1 = Brown 2 = White 3 = Blue 4 = Black 5 = Not used	
MQDC-430RA	9 m (29.5 ft)					
MQDC-450RA	15 m (49.2 ft)					
MQDC-460RA	18.3 m (60 ft)					
MQDC-470RA	22 m (72.1 ft)					
MQDC-4100RA	30 m (98.43 ft)					

# Specifications

## **Current Rating**

4 A

#### Voltage Rating

30 V DC

#### Installation

Static: 5× the outside diameter Dynamic: 10× the outside diameter

#### **AWG**

22 AWG

#### **Outer Diameter**

5.21 mm

### Coding

Α

#### 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)

#### Connections

Integral 4-pin M12 female quick disconnect

#### **Operating Conditions**

Operating temperature: -40 °C to +60 °C (-40 °F to +140 °F) Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F) 90% at +50 °C maximum relative humidity (non-condensing)



**Environmental Rating** 

IP67, IP68 UL Type 1

#### Certifications





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**LISTED** 4A passthrough 45°C Ambient; 2A passthrough 55°C Ambient; 1A passthrough 60°C Ambient UL Listing: NKCR.E71083 UL 60947-5-1

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