

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-403	1 m (3.28 ft)	Straight		<p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Not used</p>
MQDC-406	2 m (6.56 ft)			
MQDC-410	3 m (9.8 ft)			
MQDC-415	5 m (16.4 ft)			
MQDC-430	9 m (29.5 ft)			
MQDC-450	15 m (49.2 ft)			
MQDC-460	18.3 m (60 ft)			
MQDC-470	21 m (68.9 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		<p>1 = Brown 2 = White 3 = Blue 4 = Black 5 = Not used</p>
MQDC-415RA	5 m (16.4 ft)			
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

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)

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



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



Turck Banner LTD Blenheim House
Blenheim Court
Wickford, Essex SS11 8YT
GREAT BRITAIN



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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