

Features

- 4-pin D-code M12 female or M12 male to M12 male (depending on the model), 4 conductors, multiple length options
- Black TPU overmolding
- Straight connector options

Models

4-pin D-Code Double-Ended M12 Female to M12 Male PVC Cordsets				
Model	Length	Dimensions (mm)	Pinout	
BCD-M12DM-M12DF-1	1 m		<p><i>Female</i></p> <p><i>Male</i></p>	<p>1 = White/Orange 2 = White/Blue 3 = Orange 4 = Blue Shell = Braid</p>
BCD-M12DM-M12DF-2	2 m			
BCD-M12DM-M12DF-5	5 m			
BCD-M12DM-M12DF-8	8 m			
BCD-M12DM-M12DF-10	10 m			
BCD-M12DM-M12DF-15	15 m			
BCD-M12DM-M12DF-20	20 m			
BCD-M12DM-M12DF-25	25 m			

4-pin D-Code Double-Ended M12 Male to M12 Male PVC Cordsets				
Model	Length	Dimensions (mm)	Pinout (Male)	
BCD-M12DM-M12DM-1	1 m			<p>1 = White/Orange 2 = White/Blue 3 = Orange 4 = Blue Shell = Braid</p>
BCD-M12DM-M12DM-2	2 m			
BCD-M12DM-M12DM-5	5 m			
BCD-M12DM-M12DM-8	8 m			
BCD-M12DM-M12DM-10	10 m			
BCD-M12DM-M12DM-15	15 m			
BCD-M12DM-M12DM-20	20 m			
BCD-M12DM-M12DM-25	25 m			

Specifications

Current Rating

4 A

Voltage Rating

60 V DC

Minimum Bend Radius

>10× the outside diameter

AWG

22 AWG

Outer Diameter

7 mm

Connections

4-pin D-Code M12 female or male to M12 male, depending on the model

Construction

Coupling nut: Nickel-plated zinc

Terminal: Gold-plated brass

Jacket: PVC

Black TPU overmolding

Shielding

Shielding tied to coupling nuts

Operating Conditions

Fixed installation: -40 °C to +80 °C (-40 °F to +176 °F)

Flexible installation: -20 °C to +80 °C (-4 °F to +176 °F)

Vibration and Mechanical Shock

Meets IEC 60068-2-6:2008 requirements for vibration (10 Hz to 55 Hz sine; 0.5 mm amplitude, 5 minutes sweep cycle duration with 2.5 minutes per sweep, 30 minutes dwell duration at resonant frequency)

Meets IEC 60068-2-27:2009 requirements for shock (15 G, half-sine wave, 11 ms duration)

Environmental Rating

IP67

Certifications



Banner Engineering BV
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