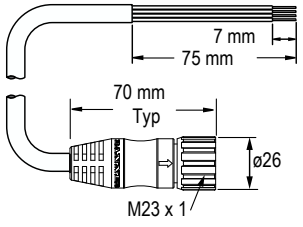
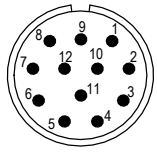
12-Pin Single-Ended M23 Male Cordsets

Features

- M23 male to flying leads, 12 conductors, multiple length options
- Black TPU overmolding
- Straight connector options

Models

12-pin Single-Ended M23 Male Cordsets				
Model	**Length**	**Dimensions (mm)**	**Pinout (Male)**	
BC-M23M12-22-1	1 m (3.28 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red 9 = Orange 10 = Tyrian Purple 11 = Black 12 = Violet
BC-M23M12-22-2	2 m (6.56 ft)			
BC-M23M12-22-5	5 m (16.4 ft)			
BC-M23M12-22-10	10 m (32.8 ft)			
BC-M23M12-22-15	15 m (49.2 ft)			
BC-M23M12-22-20	20 m (65.6 ft)			

Specifications

Current Rating
4 A

Voltage Rating
60 V DC

Minimum Bend Radius
>10× the outside diameter

AWG
22 AWG

Outer Diameter
6 mm

Connections
12-pin M23 male

Construction
Coupling nut: Nickel-plated brass
Terminal: Gold-plated brass
Jacket: PVC
Black TPU overmolding

Operating Conditions
Fixed installation: –40 °C to +85 °C (–40 °F to +185 °F)
Flexible installation: –25 °C to +85 °C (–13 °F to +185 °F)

Environmental Rating
IP67, IP68

Vibration and Mechanical Shock
Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 0.5 mm amplitude, 5 minutes sweep, 30 minutes dwell)
Shock: 30G 11 ms duration, half sine wave per IEC 60068-2-27

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

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Original Instructions
12-Dec-24

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p/n: 243000 Rev. B

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