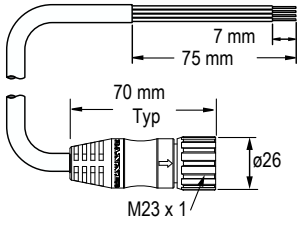
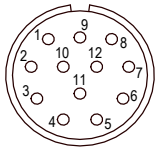
Features

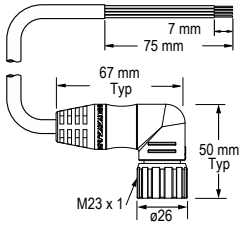
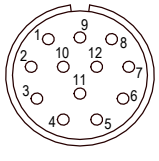
- M23 female to flying leads, 12 conductors, multiple length options
- Black TPU overmolding, both shielded and unshielded cordsets, depending on the model
- Straight or right-angle connector options

Models

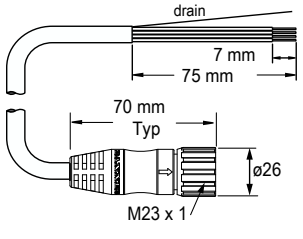
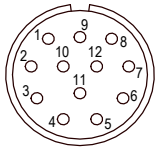
12-pin Single-Ended M23 Female Cordsets

Model	Length	Dimensions (mm)	Pinout (Female)	
BC-M23F12-22-1	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-M23F12-22-2	2 m (6.56 ft)			
BC-M23F12-22-5	5 m (16.4 ft)			
BC-M23F12-22-10	10 m (32.8 ft)			
BC-M23F12-22-15	15 m (49.2 ft)			
BC-M23F12-22-20	20 m (65.6 ft)			

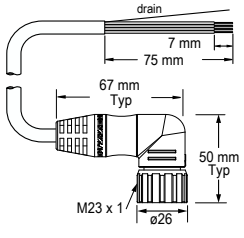
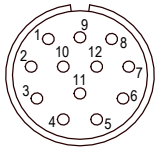
12-pin Single-Ended M23 Female Right-Angle Cordsets

Model	Length	Dimensions (mm)	Pinout (Female)	
BC-M23F12A-22-2	2 m (6.56 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-M23F12A-22-5	5 m (16.4 ft)			
BC-M23F12A-22-10	10 m (32.8 ft)			

12-pin Single-Ended M23 Female Shielded Cordsets

Model	Length	Dimensions (mm)	Pinout (Female)	
BC-M23F12-22-2-SFP	2 m (6.56 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red 9 = Orange 10 = Tyrian Purple 11 = Black Cut = Violet 12 = Drain + Braid
BC-M23F12-22-5-SFP	5 m (16.4 ft)			
BC-M23F12-22-10-SFP	10 m (32.8 ft)			

12-pin Single-Ended M23 Female Right-Angle Shielded Cordsets

Model	Length	Dimensions (mm)	Pinout (Female)	
BC-M23F12A-22-2-SFP	2 m (6.56 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red 9 = Orange 10 = Tyrian Purple 11 = Black Cut = Violet 12 = Drain + Braid
BC-M23F12A-22-5-SFP	5 m (16.4 ft)			
BC-M23F12A-22-10-SFP	10 m (32.8 ft)			

Original Instructions
12-Dec-24

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242999
p/n: 242999 Rev. B

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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 female

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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