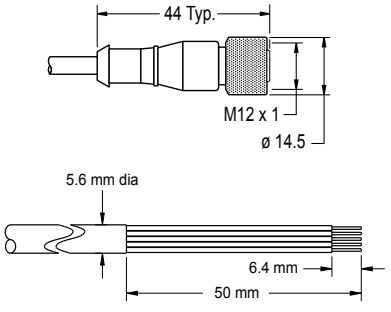
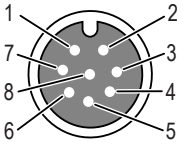
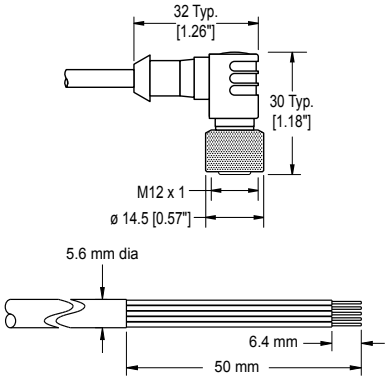
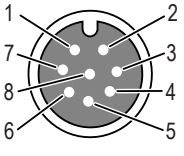
8-pin A-Code Single-Ended M12 Female Shielded Cordsets

Features

- M12 female to flying leads, eight conductors, multiple length options
- Black PVC jacket, foil shield with unterminated 24 AWG drain, A-code connector
- Straight and right-angle connector options

Models

8-pin A-Code Single-Ended M12 Female Shielded Cordsets (datasheet p/n 235956)				
Model	**Length**	**Dimensions (mm)**	**Pinout (Female)**	
BC-M12F8-24-1-SF	1 m (3.28 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BC-M12F8-24-2-SF	2 m (6.56 ft)			
BC-M12F8-24-5-SF	5 m (16.4 ft)			
BC-M12F8-24-10-SF	10 m (30.81 ft)			
BC-M12F8-24-15-SF	15 m (49.2 ft)			

8-pin A-Code Single-Ended M12 Female Right-Angle Shielded Cordsets (datasheet p/n 235956)				
Model	**Length**	**Dimensions(mm)**	**Pinout (Female)**	
BC-M12F8A-24-1-SF	1 m (3.28 ft)			1 = White 2 = Brown 3 = Green 4 = Yellow 5 = Gray 6 = Pink 7 = Blue 8 = Red
BC-M12F8A-24-2-SF	2 m (6.56 ft)			
BC-M12F8A-24-5-SF	5 m (16.4 ft)			
BC-M12F8A-24-10-SF	10 m (30.81 ft)			
BC-M12F8A-24-15-SF	15 m (49.2 ft)			

Specifications

Current Rating

2 A

Voltage Rating

30 V

Installation

Static: 10× the outside diameter
Dynamic: 15× the outside diameter

AWG

24 AWG

Outer Diameter

5.6 mm

Shielding

Shielding: Aluminum foil, facing in 25% minimum, 100% coverage
Drain: 22 AWG Drain

Coding

A

Construction

Coupling nut material: Nickel-plated brass
Contact carrier: Black nylon
Connector body: Black TPU
Jacket material: Black PVC

Vibration and Mechanical Shock

Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 500 Hz; 0.35 mm amplitude, 6-hour sweep cycle, 10 sweep cycles)
Meets IEC 60068-2-27 requirements (Shock: 50G, half-sine wave, 11 ms duration)

Connections

Integral 8-pin M12 female quick disconnect

Operating Conditions

Operating temperature: –40 °C to +50 °C (–40 °F to +122 °F)
Storage temperature: –40 °C to +70 °C (–40 °F to +158 °F)
90% at +50 °C maximum relative humidity (non-condensing)

Environmental Rating

IP66, IP67, IP68

Banner Engineering Corp Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

Original Instructions
22-May-26

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235956
p/n: 235956 Rev. D

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

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