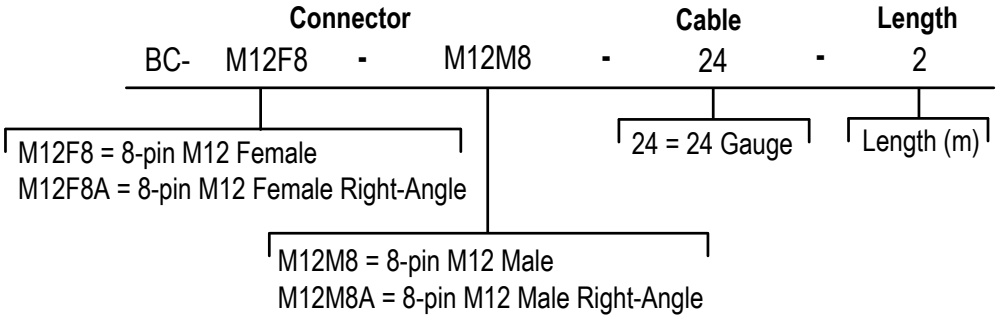
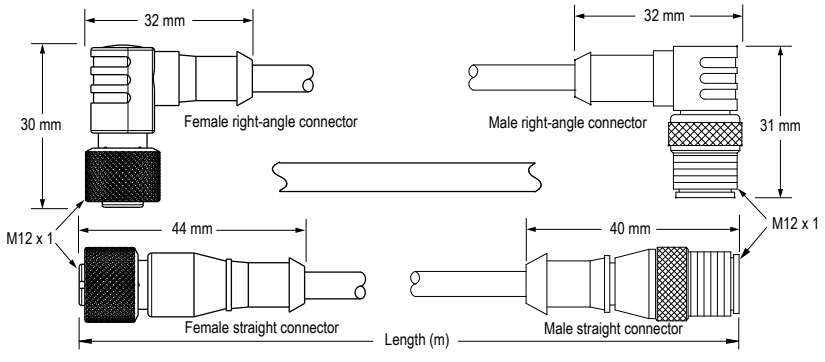
8-pin A-Code Double-Ended M12 Female to M12 Male Cordsets

Features

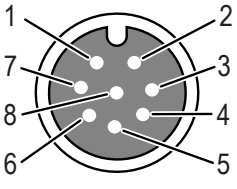
- M12 female to male (double-ended), eight conductors, multiple length options
- Black PVC jacket, unshielded, A-code connector
- Straight connector options

Models



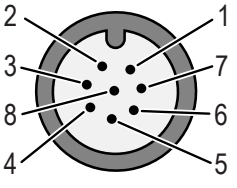


8-pin M12 female pinout



1 = White
2 = Brown
3 = Green
4 = Yellow
5 = Gray
6 = Pink
7 = Blue
8 = Red

8-pin M12 male pinout



Specifications

Current Rating
2 A

Voltage Rating
30 V

Minimum Bend Radius
>10× the outside diameter

AWG
24 AWG

Outer Diameter
5.92 mm

Coding
A

Connections
Integral 8-pin M12 quick disconnect connector (female, male)

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)

Operating Conditions
Operating temperature: –40 °C to +70 °C (–40 °F to +158 °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

Original Instructions
22-May-26

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