

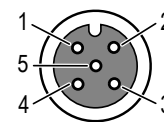
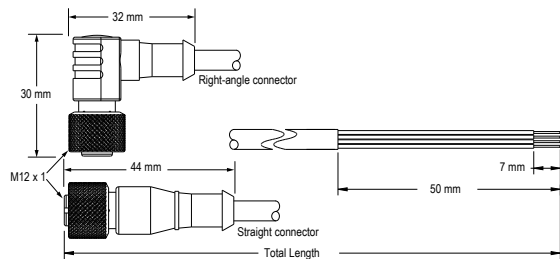
## Features

- 4-pin A-code single-ended or double-ended M12
- Straight and right-angle options
- Black TPU jacket with CB60 technology
- UV resistant
- Passes -40 °C cold impact
- Passes -60 °C cold bend
- Abrasion, cut-through, and impact-resistant
- Chemical resistant (water, oils, hydraulic fluids, fuels, ozone)

## Models

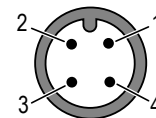
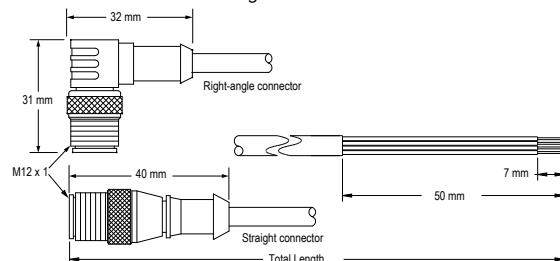
Connector	Wire Gauge	Length (m)*	Modifier
BC- M12F4 -	- U22	- 2	- CB60
M12F4 - 4-pin Single-Ended M12 Female M12F4A - 4-pin Single-Ended M12 Right-Angle Female M12M4 - 4-pin Single-Ended M12 Male M12M4A - 4-pin Single-Ended M12 Right-Angle Male M12F4-M12M4 - 4-pin Double-Ended Female to Male M12F4-M12M4A - 4-pin Double-Ended Female to Right-Angle Male M12F4A-M12M4 - 4-pin Double-Ended Right-Angle Female to Male M12F4A-M12M4A - 4-Pin Double-Ended Right-Angle Female to Right-Angle Male	U22 - 22 AWG	1	CB60 - CB60 Technology *Additional lengths are available
		2	
		5	
		8	
		10	
		15	

*Female single-ended cordsets*



1 = Brown  
2 = White  
3 = Blue  
4 = Black  
5 = Unused

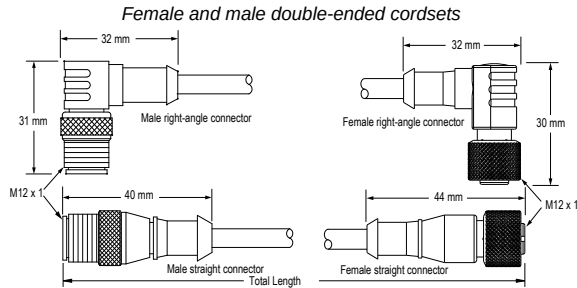
*Male single-ended cordsets*



1 = Brown  
2 = White  
3 = Blue  
4 = Black

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Continued from page 1



## Specifications

### Current Rating

4 A

### Voltage Rating

30 V

### Recommended Bend Radius

Static: 5× the outside diameter

Dynamic: 10× the outside diameter

### AWG

22 AWG

### Outer Diameter

6 mm

### Coding

A

### Construction

Coupling nut material: Nickel-plated brass

Contact carrier: Black nylon

Connector body: Black PUR

Jacket material: Black TPU

### Connections

4-pin M12 female or male quick disconnect, depending on the model ordered

### 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 and storage temperature: -60 °C to 105 °C (-76 °F to 221 °F)

90% at +50 °C maximum relative humidity (non-condensing)

Cable: VW-1 and FT1 Flame Test

### Environmental Rating

IP66, IP67, IP68

### Certifications



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

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