# 4-pin A-Code Single-Ended and Double-Ended M12 CB60 Cordsets

## 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)

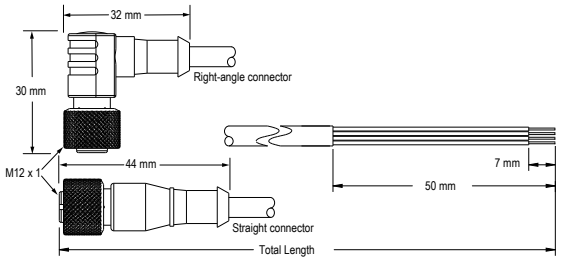
## Models

| | Connector | | Cable | | Length | | 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
Length (m)
CB60 = CB60 Technology

*Female single-ended cordsets*

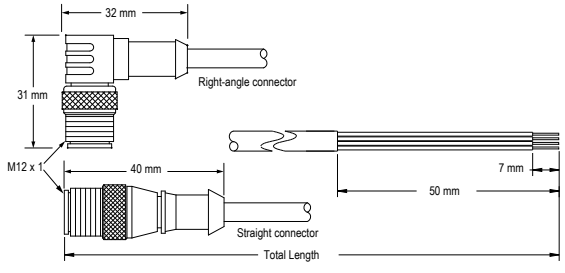


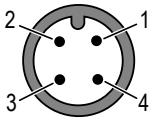




1 = Brown
2 = White
3 = Blue
4 = Black
5 = Unused

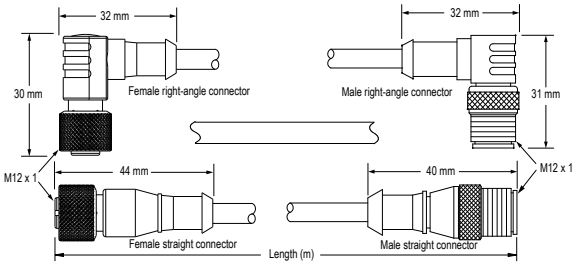
*Male single-ended cordsets*




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

*Female and male double-ended cordsets*




Original Instructions
26-May-26

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# 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 TPU

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**

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