4-pin A-Code Double-Ended M12 Female to M12 Male Cordsets with Stainless Steel Coupling Nuts

Features

- M12 female to male (double-ended), four wires, multiple length options
- Black PVC jacket, unshielded, A-code, stainless steel nut
- Straight connector options
- ITC/PLTC cable

Models

	Connector			-	Wire Gauge	-	Length	-	Coupling Nut
BC-	M12F4	-	M12M4	-	22	-	5	-	SST

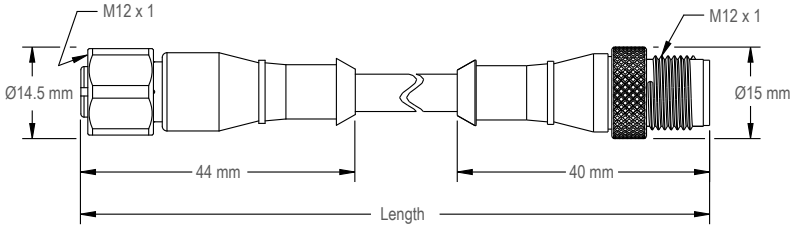
M12F4 = 4-pin M12 Female

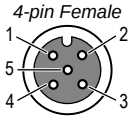
M12M4 = 4-pin M12 Male

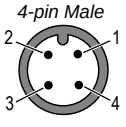
22 = 22 Gauge

Length (m)

Stainless steel coupling nut







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

Specifications

Current Rating
4 A

Voltage Rating
30 V DC

Bend Radius
Static: 5× the outside diameter
Dynamic: 10× the outside diameter

Connections
Integral 4-pin M12 quick disconnect (female, male)

Construction
Coupling nut material: Stainless steel
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)

Coding
A

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
11-Mar-26

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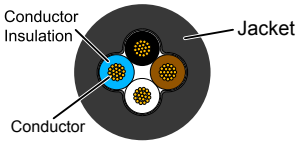
252791
p/n: 252791 Rev. B

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Cable

- 22 AWG
- Outer diameter: 5.33 mm
- Jacket material: Black PVC
- ITC (Instrumentation Tray Cable): 105 °C, 150 V, 5 A or less
- PLTC (Power-Limited Tray Cable): 105 °C, 300 V
- Sunlight resistant
- UL Cold Bend at -40 °C
- Oil Res I and II
- CMX-OUTDOOR-CMG
- FT4 flame rating
- MSHA rating



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