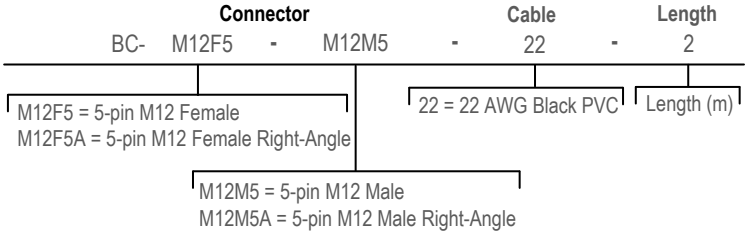
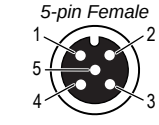
5-pin A-Code Double-Ended M12 Female to M12 Male Cordsets

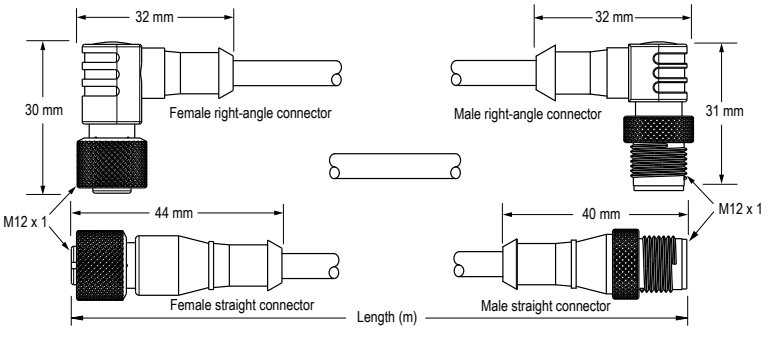
BC-M12F5x-M12M5x-22-x Cordsets

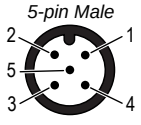


- M12 female to male (double-ended), five conductors, multiple length options
- Black PVC jacket, unshielded, A-code connector
- Straight and right-angle connector options
- ITC/PLTC cable



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





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Connectors	
Type	5-pin M12 female to male quick disconnect
Coding	A
Contact holder	Black Nylon
Connector body	Black TPU
Coupling nut	Nickel-plated brass

Mechanical and Electrical Properties	
Current rating	4 A
Voltage rating	30 V
Operating temperature	–40 °C to +105 °C (–40 °F to +221 °F)
Storage temperature	–40 °C to +105 °C (–40 °F to +221 °F)
Relative humidity	90% at +50 °C maximum relative humidity (non-condensing)
Environmental ratings	IP66, IP67, IP68
Vibration	Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 500 Hz; 0.35 mm amplitude, 6-hour sweep cycle, 10 sweep cycles)
Mechanical shock	Meets IEC 60068-2-27 requirements (Shock: 50G, half-sine wave, 11 ms duration)

Original Instructions
29-Oct-26

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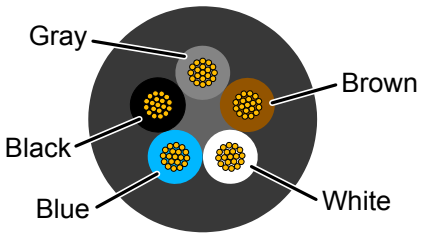
236183
p/n: 236183 Rev. G

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Cable (p/n 821080)

Conductors	5
Gauge	22 AWG
Outer diameter	5.69 mm
Insulation	PVC
Jacket material	Black PVC
Weight	0.1020 lbs/meter
Bend radius	Static bend radius: ≥ 4× the outside diameter
	Dynamic bend radius: ≥ 15× the outside diameter
Bulk cable p/n	821080

Approvals	UL 2250 ITC (Instrumentation Tray Cable): 105 °C, 150V, 5A or less
	UL 13 PLTC (Power-Limited Tray Cable): 105 °C, 300V
	UL 758: AWM 2517 300V
	Sunlight Resistant
	-40 °C Cold Bend
	Oil Res I and II
	CSA: CMX-OUTDOOR-CMG 300V
	CSA AWM: I/II A/B 300V
	Flame Rating: UL 1685: CSA FT4
	MSHA



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