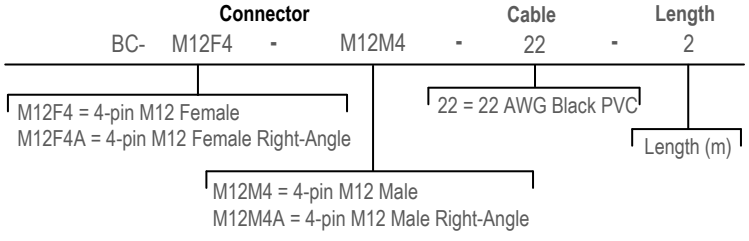
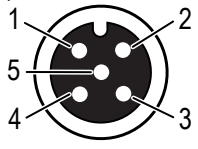
# 4-pin A-Code Double-Ended M12 Female to M12 Male Cordsets

## BC-M12F4x-M12M4x-22-x Cordsets

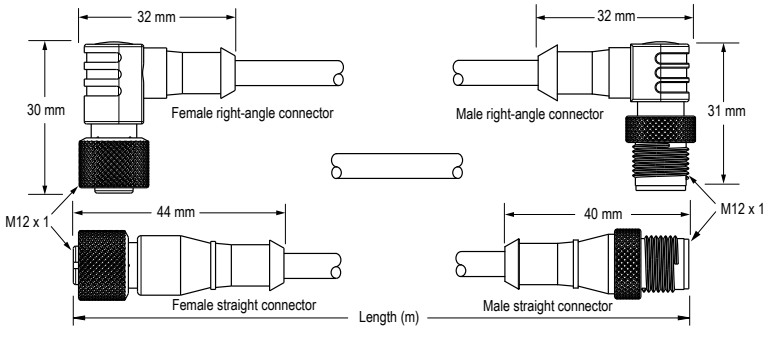



- M12 female to male (double-ended), four conductors, multiple length options
- Black PVC jacket, unshielded, A-code connector
- Straight and right-angle connector options
- ITC/PLTC cable

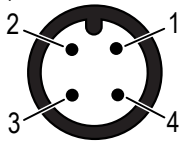
*4-pin A-Code M12 Female*




1. Brown
2. White
3. Blue
4. Black
5. Not used




*4-pin A-Code M12 Male*




1. Brown
2. White
3. Blue
4. Black
5. Not used

| Connectors | |
|---|---|
| Type | 4-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; 1.0 mm amplitude, 6-hour sweep cycle) |
| 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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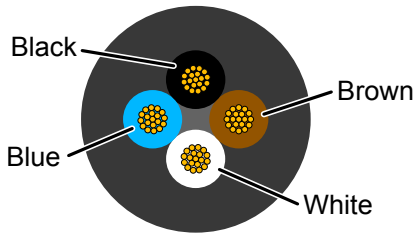
236186
p/n: 236186 Rev. F

ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

# Cable (p/n 820356)

| | |
|---|---|
| Conductors | 4 |
| Gauge | 22 AWG |
| Outer diameter | 5.33 mm |
| Insulation | PVC |
| Jacket material | Black PVC |
| Weight | 0.0921 lbs/meter |
| Bend radius | Static bend radius: ≥ 4× the outside diameter |
| | Dynamic bend radius: ≥ 15× the outside diameter |
| Bulk cable p/n | 820356 |

| | |
|---|---|
| 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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