Sensor Cables and Connectors

Shielded M12 Cables with Quick-disconnect Plugs

- Industry standard axial and right-angle M12 screw-lock connectors with open leads
- Braided shield located inside the cord jacket and connected to the coupling nut
- 5m and 10m cable lengths
- PUR/PVC (polyvinyl/polyurethane) jacket for oily and drag chain applications
- PUR (polyurethane) jacket for oily and robotic applications

### Specifications

**Model**  
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<th>13201</th>
<th>13261</th>
<th>13221</th>
<th>13281</th>
<th>17121</th>
<th>17141</th>
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</table>
**Operating voltage** | 60V AC/DC | 30V AC/DC |
**Operating current per contact** | max. 4A | max. 2A |
**Rated surge voltage** | 1.5 kV | 0.8 kV |
**Coding** | A-coded |
**Connection** | M12 4-pole | M12 5-pole | M12 8-pole |
**Recommended torque** | 0.6 N·m |
**Protection** | IP65/IP67 | IP67 | IP65/IP66K/IP67 inserted and tightened | IP65/IP67 |
**Locking material** | Zinc die-casting, matte nickel-plated |
**Jacket material** | PUR/PVC | PUR |
**Temperature range** | -25° to +85°C (-13° to 185°F) | -25° to +80°C (-13° to 176°F) |
**Wire Ø** | 4 x 0.34 mm² (22 AWG) | 5 x 0.34 mm² (22 AWG) | 8 x 0.25 mm² (24 AWG) |
**Outer Ø** | - 5.9 mm | - 7mm |
**Bend radius** | 10 x outer Ø |
**Agency Approvals** | CSA, cULus |

*Note: Dimensional drawings and wiring diagrams on next page.*

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.
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Shielded M12 Cables

Dimensions

Axial Plugs

90° Plugs

Contact Diagrams

Wiring Diagrams

See our website: www.AutomationDirect.com for complete engineering drawings.

For the latest prices, please check AutomationDirect.com.