### M8 Cables w/Quick-disconnect Plugs

#### Overview and Selection

- Industry standard axial and right-angle M8 screw-lock connectors with open leads. The cables listed can be used with patch cables.
- 2m, 5m, 7m, and 10m cable lengths
- **PVC** (polyvinyl chloride) jacket for typical industrial applications.
- **PUR/PVC** (polyvinyl/polyurethane) jacket for oily and drag chain applications.
- **PUR** (polyurethane) jacket for oily, direct sunlight, and robotic applications.

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<table>
<thead>
<tr>
<th>Part Number</th>
<th>Price</th>
<th>Poles</th>
<th>Connector</th>
<th>Jacket</th>
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Note: Dimensional drawings and wiring diagrams on next page.
M8 Cables w/Quick-disconnect Plugs

Specifications

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<tr>
<th>Specifications</th>
<th>CD08 Series</th>
<th>7000 Series</th>
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<td><strong>Model</strong></td>
<td>CD08 Series</td>
<td>7000 Series</td>
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<tr>
<td><strong>Type</strong></td>
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<td>4 Pole</td>
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<td>50VAC / 60VDC</td>
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<td>IP65 / IP66K / IP67</td>
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<td><strong>Housing Material</strong></td>
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<td>PUR or PVC or PUR/PVC</td>
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<tr>
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<td><strong>Conductors Cross Section</strong></td>
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<tr>
<td><strong>Ø Outer Cable</strong></td>
<td>4.5 mm</td>
<td>4.8 mm</td>
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<tr>
<td><strong>Temperature Range</strong></td>
<td>-25°C to +80°C [-13°F to +176°F]</td>
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<td><strong>Environmental</strong></td>
<td>N/A Halogen, Silicone, CFC, Cadmium, and Lead free</td>
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<td><strong>Bending Radius</strong></td>
<td>min. 10 x cable diameter</td>
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<tr>
<td><strong>Agency Approvals</strong></td>
<td>UL, CSA (with exception of PUR/PVC models)</td>
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Dimensions

Contact Diagrams

- **Axial Plugs**
- **90° Plugs**

Wiring Diagrams

- 3 Poles: Brown, Blue, Black
- 4 Poles: Brown, White, Blue, Black

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

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