TURCK is Your Connection to Process Sensing

Rated and Approved for Installation in Hazardous Locations

- General purpose
- Class I, Division 2 nonincendive and explosion proof protection schemes
- Class I, Division 1 or 2 intrinsically safe circuits
- UL recognized, CSA certified cables

Multiple Cable Jacket Ratings

- ITC/PLTC
- Exposed run
- IEC 332 direct burial and FT4 flame ratings
- UV and sunlight resistant

-----Point To Point!-----Point To Bus!-----Bus To Bus!-----
# Device Connections from Cable Tray Systems

## Bill of Materials

<table>
<thead>
<tr>
<th>Ref. #</th>
<th>Product Type</th>
<th>ACC Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Home Run Cordset&lt;br&gt;For 4-port, installed in non-hazardous location&lt;br&gt;For 8-port, installed in non-hazardous location</td>
<td>009-00130-*M&lt;br&gt;009-00131-*M</td>
</tr>
<tr>
<td>2</td>
<td>Junction Box&lt;br&gt;4-port&lt;br&gt;8-port</td>
<td>009-00132&lt;br&gt;009-00133</td>
</tr>
<tr>
<td>3</td>
<td>Cordsets&lt;br&gt;Standard ITC&lt;br&gt;ITC – ER rated&lt;br&gt;armorfast* – Interlocking aluminum</td>
<td>009-00136-*M&lt;br&gt;009-00137-*M&lt;br&gt;009-00138-*M</td>
</tr>
<tr>
<td>4</td>
<td>Receptacle&lt;br&gt;Standard, Male&lt;br&gt;EXP, Male</td>
<td>009-00134&lt;br&gt;009-00141</td>
</tr>
<tr>
<td>5</td>
<td>lokfast* guard</td>
<td>009-00135</td>
</tr>
<tr>
<td>6</td>
<td>Conduit Adapter&lt;br&gt;1-port&lt;br&gt;2-port</td>
<td>099-00139&lt;br&gt;099-00140</td>
</tr>
</tbody>
</table>

* = Part number shown is for 1/2-14NPT. Change 14.5 to 14.75 for 3/4-14NPT receptacles.
*M = Specify length in meters.

## Installation Guidelines

- ITC rated cables may be used in industrial establishments to install instrumentation and control circuits operating at 150 V or less and 5 A or less. Ref. NEC 727.1
- Standard ITC cables may be installed in cable tray systems or raceways. Ref. NEC 727.4(1) and (2).
- TC-ER rated cables may be run exposed. Ref. NEC 727.4(6)
- Armored ITC cables need only be supported and secured every 6 feet. Ref. NEC 727.4(5)

## Installation in Class I, Division 2 Hazardous Locations

- Use lokfast* guard on all minifast* connections in the hazardous location.
- Use locking home-run connector P-CRM1--. when the junction box is in the hazardous location.
- Use EXP receptacle to install EXP equipment in Division 2.

**Note:** Similar products exist for FOUNDATION™ Fieldbus, Profibus®, DeviceNet®, AS-i*, and Ethernet.

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See TURCK Control Drawing QCF-00147 at www.turck.com/fmcd for details of the FM approval of these devices for Class I, Division 2 hazardous locations.