**Compression Fitting Style RTDs for the Plastics Industry**

**Style 6—Rigid Straight Compression Fitting RTD**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Termination Style†</th>
<th>“A” Dim. (in)</th>
<th>“L” Dim. (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTP60001</td>
<td>S</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP60002</td>
<td>C</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP60003</td>
<td>P</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP60004</td>
<td>J</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP60005</td>
<td>B</td>
<td>4</td>
<td>48</td>
</tr>
</tbody>
</table>

†See Page 14-64 for Termination Style descriptions.

**Style 7—Rigid 45° Bend Compression Fitting RTD**

<table>
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<tr>
<th>Part Number</th>
<th>Termination Style†</th>
<th>“A” Dim. (in)</th>
<th>“L” Dim. (in)</th>
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<tr>
<td>RTP70001</td>
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<tr>
<td>RTP70002</td>
<td>C</td>
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<td>48</td>
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<tr>
<td>RTP70003</td>
<td>P</td>
<td>4</td>
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</tr>
<tr>
<td>RTP70004</td>
<td>J</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP70005</td>
<td>B</td>
<td>4</td>
<td>48</td>
</tr>
</tbody>
</table>

**Style 8—Rigid 90° Bend Compression Fitting RTD**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Termination Style†</th>
<th>“A” Dim. (in)</th>
<th>“L” Dim. (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTP80001</td>
<td>S</td>
<td>4</td>
<td>48</td>
</tr>
<tr>
<td>RTP80002</td>
<td>C</td>
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</tr>
<tr>
<td>RTP80003</td>
<td>P</td>
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<tr>
<td>RTP80004</td>
<td>J</td>
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</tr>
<tr>
<td>RTP80005</td>
<td>B</td>
<td>4</td>
<td>48</td>
</tr>
</tbody>
</table>

**Design Features**

- 3/16" diameter stainless steel probe
- Operating temp. 392°F (200°C); 900°F (482°C) available
- One-time adjustable 1/8"-27 NPT brass compression fitting
- 3-wire circuit
- 100 ohms Class B element per IEC 751
- Can be installed wherever existing thermocouples of similar design are used

**Ordering Information**

RTDs are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

**Custom Made Compression Fitting Style RTDs**

**Ordering Code:**  
RTP

- **Style**  
  6 = Straight  
  7 = 45° Bend  
  8 = 90° Bend

- **Element**  
  S = 100Ω Single  
  D = 100Ω Dual

- **Element Class**  
  A = ±0.06% at 0°C, Optional  
  B = ±0.12% at 0°C, Standard

- **Number of Leads**  
  2 = 2-wire circuit  
  3 = 3-wire circuit  
  4 = 4-wire circuit*  
  *Not available with dual element

- **A” Dimension**  
  Whole inches  
  01 to 99 (1-3/4 in. min.)

- **L” Dimension**  
  Whole inches  
  000 to 999

- **Termination**  
  B = 2-1/2 in. Split Leads  
  S = Spade Lugs  
  C = Spade Lugs with BX Conn.  
  P = Standard Plug  
  J = Standard Jack  
  K = Standard Plug and Jack  
  D = Miniature Plug  
  E = Miniature Jack  
  F = Mini. Plug and Jack  
  X = Other (Specify)

- **Lead Insulation**  
  Standard w/ SS Overbraid  
  w/ SS Armor Cable  
  Fiberglass 900°F (482°C)  
  Teflon® 392°F (200°C)

- **Plugs and Jacks for 2- and 3-Wire Only**

- **Special Requirements**  
  X = Specify  
  0 = None

⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

(800) 323-6859 • Email: sales@tempco.com

Rev 1 (8-18)
Temperature Sensing

RTD Termination Styles

Optional Termination Styles
Available for the following RTDs:

<table>
<thead>
<tr>
<th>Style</th>
<th>RTD</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTD1</td>
<td></td>
<td>14-50</td>
</tr>
<tr>
<td>RTD4</td>
<td></td>
<td>14-53</td>
</tr>
<tr>
<td>RTD5</td>
<td></td>
<td>14-54</td>
</tr>
<tr>
<td>RTP</td>
<td>14-61 through 14-63</td>
<td></td>
</tr>
</tbody>
</table>

RTD Termination Styles

- **Style B**—Plain Ends
- **Style S**—Spade Lugs
- **Style C**—Spade Lugs with BX connector

- **Style P**—Standard Plug (3-wire shown)
- **Style J**—Standard Jack (3-wire shown)

- **Style D**—Miniature Plug (2-wire shown)
- **Style E**—Miniature Jack (2-wire shown)

**ECR Style RTD Extension Assemblies**

(3-wire circuits shown, 2-wire circuits also available)

**Ordering Code:** ECR

**Number of Leads** BOX 1
- 2 = 2-wire circuit
- 3 = 3-wire circuit
- 4 = 4-wire circuit

*Plugs and Jacks not available

**“L” Dimension** BOX 4
- Whole inches
- 001 to 999

**Lead Insulation** BOX 5
- Standard
- Overbraid
- Armor Cable
- T
- B
- A

**Special Requirements** BOX 6
- X = Specify
- 0 = None

*Plugs and Jacks for 2- and 3-Wire Only

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View Product Inventory @ www.tempco.com