Bayonet Style RTDs for the Plastics Industry

**Design Features**
- 3/16" diameter stainless steel probe
- Operating temp. 392°F (200°C); 900°F (482°C) available
- 3-wire circuit
- 100 ohms Class B element per IEC 751
- Can be installed wherever existing thermocouples of similar design are used

**Style 1—Adjustable Spring Bayonet RTD**
- Insertion length adjustable from 1" to 10"
- One can replace several fixed-length thermocouples

**Style 2—Adjustable Armor Cable Bayonet RTD**
- Insertion length adjustable over length of armor cable
- One can replace several fixed-length thermocouples or RTDs

**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.

**Ordering Code:** RTP

- **Style BOX 1**
  1 = Spring Adjustable
  2 = Armor Cable Adjustable

- **Element BOX 2**
  S = 100Ω Single
  D = 100Ω Dual

- **Element Class BOX 3**
  A = ±0.06% at 0°C, Optional
  B = ±0.12% at 0°C, Standard

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

- **“L” Dimension BOX 5**
  Whole inches
  012 to 999

- **Lead Insulation BOX 6**
  Fiberglass 900°F (482°C)
  Teflon® 392°F (200°C)
  (Style 1 only)
  (Style 1 only)
  w/ SS Overbraid
  w/ SS Armor Cable
  S = Standard Plug and Jack
  T = Miniature Plug
  B = Standard Plug
  D = Miniature Jack
  A = Mini. Plug and Jack
  F = Other (Specify)

- **Termination BOX 7**
  K = Standard Plug and Jack
  D = Miniature Plug
  E = Miniature Jack
  F = Mini. Plug and Jack
  X = Other (Specify)

- **Special Requirements BOX 8**
  X = Specify
  0 = None

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

Optional Termination Styles
Available for the following RTDs:

<table>
<thead>
<tr>
<th>Style</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTD1</td>
<td>14-50</td>
</tr>
<tr>
<td>RTD2</td>
<td>14-51</td>
</tr>
<tr>
<td>RTD5</td>
<td>14-54</td>
</tr>
<tr>
<td>RTP</td>
<td>14-61 through 14-63</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
- Style J—Standard Jack
- Style D—Miniature Plug
- Style E—Miniature Jack

ECR Style RTD Extension Assemblies

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

Termination 1

- Style RJP—Jack to Plug
- Style RPP—Plug to Plug
- Style RJJ—Jack to Jack

Termination 2

- Style RCC—BX Connector to BX Connector
- Style RCP—BX Connector to Plug
- Style RCJ—BX Connector to Jack

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

<table>
<thead>
<tr>
<th>Standard</th>
<th>w/ SS Overbraid</th>
<th>w/ SS Armor Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiberglass 900°F (482°C)</td>
<td>S</td>
<td>B</td>
</tr>
<tr>
<td>Teflon® 392°F (200°C)</td>
<td>T</td>
<td>D</td>
</tr>
<tr>
<td>A</td>
<td></td>
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</tr>
</tbody>
</table>

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