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

Bayonet Style RTDs for the Plastics Industry

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) (Style 1 only)
Teflon® 392°F (200°C) (Style 1 only)
S = w/ SS Overbraid
B = w/ SS Armor Cable

Termination BOX 7
B = 2-1/2 in. Split Leads
C = Spade Lugs
D = Miniature Plug
K = Standard Plug and Jack
S = Spade Lugs with BX Conn.
E = Miniature Jack
F = Mini. Plug and Jack
J = Standard Plug
P = Standard Plug
X = Other (Specify)

Plugs and Jacks for 2- and 3-Wire Only

Special Requirements BOX 8
X = Specify
0 = None

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

Stock Items Are Shown In RED

See Page 14-87 for Bayonet Adapters.
**Temperature Sensing**

**RTD Termination Styles**

**Optional Termination Styles**

*Available for the following RTDs:*

<table>
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<tr>
<th>Style</th>
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<tr>
<td>RTD1</td>
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<tr>
<td>RTD4</td>
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<td>RTD5</td>
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<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**
  - (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)*

**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**

- 2 = 2-wire circuit
- 3 = 3-wire circuit
- 4 = 4-wire circuit

*Plugs and Jacks not available

**“L” Dimension**

- Whole inches
- 001 to 999

**Lead Insulation**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Overbraid</th>
<th>Armor Cable</th>
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</thead>
<tbody>
<tr>
<td>S</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>T</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

**Special Requirements**

- X = Specify
- 0 = None

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**View Product Inventory @ www.tempco.com**

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**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)