Bayonet Style RTDs for the Plastics Industry

**Style 3—Rigid Straight Bayonet RTD**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Termination Style</th>
<th>“A” Dim. (in)</th>
<th>“L” Dim. (in)</th>
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</thead>
<tbody>
<tr>
<td>RTP30001</td>
<td>S</td>
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<tr>
<td>RTP30002</td>
<td>C</td>
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<tr>
<td>RTP30003</td>
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<td>4</td>
<td>48</td>
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<tr>
<td>RTP30004</td>
<td>J</td>
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</tr>
<tr>
<td>RTP30005</td>
<td>B</td>
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</tbody>
</table>

**Style 4—Rigid 45° Bend Bayonet RTD**

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**Style 5—Rigid 90° Bend Bayonet RTD**

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<th>Termination Style</th>
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<tr>
<td>RTP50005</td>
<td>B</td>
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</tr>
</tbody>
</table>

See page 14-87 for bayonet adapters and adapter installation.

**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
  - 3 = Straight
  - 4 = 45° Bend
  - 5 = 90° Bend

- **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

- **“A” Dimension**: BOX 5
  - Whole inches
  - 01 to 99 (1-3/4 in. min.)

- **“A” Dimension**: BOX 6
  - Fractional inches
  - 0 = 0”
  - 1 = 1/8”
  - 2 = 1/4”
  - 3 = 3/8”
  - 4 = 1/2”
  - 6 = 3/4”
  - 7 = 7/8”
  - 5 = 5/8”

- **“L” Dimension**: BOX 7
  - Whole inches
  - 000 to 999

- **Termination**: BOX 9
  - 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)

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

- **Special Requirements**: BOX 10
  - X = Specify
  - 0 = None

- **Lead Insulation**: BOX 8
  - Standard w/ SS Overbraid w/ SS Armor Cable
  - S = Fiberglass 900°F (482°C)
  - T = Teflon® 392°F (200°C)
  - A =
  - B =
  - D =
  - F =

**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