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

**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**
  - (Style 1 only) w/ SS Overbraid (Style 1 only)
  - S = Fiberglass 900°F (482°C)
  - T = Teflon® 392°F (200°C)

- **Termination BOX 7**
  - 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)

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

See Page 14-87 for Bayonet Adapters.

**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**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Termination Style†</th>
<th>“L” Dim. (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTP10001</td>
<td>S</td>
<td>48</td>
</tr>
<tr>
<td>RTP10002</td>
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<tr>
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<tr>
<td>RTP10005</td>
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†See page 14-64 for Termination Style descriptions.

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