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 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:**

- **RTD1**
  - 1
  - 2
  - 3
  - 4
  - 5
  - 6
  - 7
  - 8
  - 9
  - 10
  - 11
  - 12
  - 13

**Element**

- **S** = 100Ω Single
- **D** = 100Ω Dual
- **K** = 1000Ω Single
- **L** = 1000Ω Dual

TCR = 0.00385 ohm/ohm°C

**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

0.125 O.D. 4-wire circuit not available

**Sheath O.D.**

- **F** = 0.125" (Single Element Only)
- **G** = 0.188"
- **H** = 0.250"
- **X** = Other (Specify)

**Sheath Length “L”**

- Whole inches
- 01 to 99

For lengths over 99 in. consult TEMPCO.

**Sheath Material**

- **B** = 304 SS
- **C** = 316 SS
- **A** = Alloy 600

(Type “M” only; See Box 9)

**Lead Wire Length**

- In inches 001 to 999
- 12" (012) Standard

**Lead Wire Construction**

- Fiberglass 900°F (482°C)
- Teflon® 392°F (200°C)

w/ SS Overbraid® w/SS Flex Armor®

*Flex Armor options, overbraid options and .125" O.D. and dual constructions may require transitions.*

**RTD Construction Type**

- **T** = Tube and Wire Construction
- **M** = MgO Insulated Construction with strain relief spring

(Type “M” not available for “K” or “L” from Element Box 1)

**Lead Wire Termination**

- **P** = Standard Male Plug 350°F (177°C)
- **J** = Standard Female Jack
- **K** = Std. Plug with Mating Jack
- **D** = Mini Male Plug 350°F (177°C)
- **E** = Mini Female Jack
- **X** = Other (Specify)

Plugs and Jacks for 2- and 3-Wire Only

**Optional Compression Fitting**

- 1 = 1/8" NPT SS
- 2 = 1/4" NPT SS
- 3 = 1/2" NPT SS
- 4 = 1/8" NPT Brass
- 5 = 1/4" NPT Brass
- 6 = 1/2" NPT Brass
- 0 = None Required

**Special Requirements**

- **X** = Specify
- 0 = None

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

RTD Termination Styles

**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>RTD4</td>
<td>14-53</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>

- **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)

**EPR 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*

<table>
<thead>
<tr>
<th>Standard</th>
<th>w/ SS Overbraid</th>
<th>w/ SS Armor Cable</th>
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<tbody>
<tr>
<td>S</td>
<td>B</td>
<td>A</td>
</tr>
<tr>
<td>T</td>
<td>D</td>
<td>F</td>
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**Special Requirements** *Box 6*

<table>
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<th>Specify</th>
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<tbody>
<tr>
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<td>None</td>
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</table>

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

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

View Product Inventory @ www.tempco.com

Rev 1 (8-18)