Temperature Sensing

Resistance Temperature Sensing

Style RTD6 — Connection Head

Optional Installation Compression Fitting
See Box 10

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: RTD6

Element BOX 1

| S | 100Ω Single |
| D | 100Ω Dual     |
| L | 1000Ω Dual    |

TCR = .00385 ohm/ohm/°C

Sheath Length “L” BOX 6
Whole inches
01 to 99

For lengths over 99 in. consult TEMPCO.

Element Class BOX 2

| A | ±0.06% at 0°C. Optional |
| B | ±0.12% at 0°C, Standard |

Screw covers are attached to body with a stainless steel chain and screws.

Number of Leads BOX 3

| 2 | 2-wire circuit         |
| 3 | 3-wire circuit         |
| 4 | 4-wire circuit (Dual circuit not available) |

0.125" O.D. (Dual circuit not available)

Sheath Material BOX 5

| B | 304 SS                  |
| C | 316 SS                  |
| A | Alloy 600               |

(Type “M” Only; See Box 9)

Connection Head BOX 8

A = Standard Size Aluminum
B = Medium Size Aluminum
C = Miniature Aluminum
H = Standard Cast Iron
F = Standard Bakelite

P = Polypropylene
N = Miniature Nickel-Plated Steel
S = Stainless Steel
E = Explosion Proof (Aluminum)
T = Explosion Proof (Stainless Steel)

Note: Conduit connection for A, F, H & S is 1/2" (3/4" available); for B & C is 3/8"; and for P is 3/4" NPT.

For overall dimensions see pages 14-98 through 14-100.

Type “N” not available with Dual 3-Wire

RTD Construction Type BOX 9

Standard Industry Construction
S = Fiberglass insulated 900°F (450°C)
T = Teflon® Insulated 392°F (200°C)

Mineral Insulated Construction
M = MgO Insulated 1200°F (650°C)

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

Optional Compression Fitting BOX 10

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

Special Requirements BOX 11

X = Specify
0 = None

Ordering Code: RTD6

Rev 2 (8-18)

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

(800) 323-6859 • Email: sales@tempco.com
**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)
- Style RCC—BX Connector to BX Connector
- Style RJP—Jack to Plug
- Style RPP—Plug to Plug
- Style RJJ—Jack to Jack
- Style RCJ—BX Connector to Jack
- Style RCP—BX Connector to Plug

**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**

- Standard
- Overbraid
- Armor Cable
- Fiberglass 900°F (482°C)
- Teflon® 392°F (200°C)

**Special Requirements**

- X = Specify
- 0 = None

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

View Product Inventory @ www.tempco.com