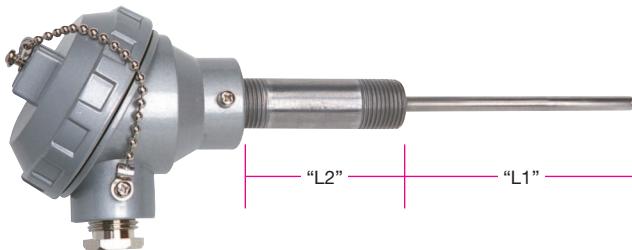


### Style RTD8 — Connection Head with 1/2" NPT Pipe Nipple

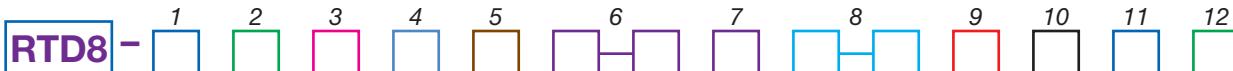


#### Two Construction Styles to Suit Any Application

(See Ordering Code Box 11)

- \* Standard Industry Tube and Wire construction with fiberglass 900°F (482°C) or Teflon® 392°F (200°C) lead wires.
- \* Mineral Insulated construction rated up to 1200°F (650°C). This construction type allows forming and bending the sheath to meet design requirements.

#### Ordering Code:



##### Element BOX 1

**S** = 100Ω Single    **K** = 1000Ω Single  
**D** = 100Ω Dual    **L** = 1000Ω Dual  
**TCR** = .00385 ohm/ohm/°C

##### Element Class BOX 2

**A** = ±0.06% at 0°C, Optional  
**B** = ±0.12% at 0°C, Standard

##### 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 O.D. BOX 4

**F** = 0.125"  
**G** = 0.188"  
**H** = 0.250"

##### Sheath Material BOX 5

**B** = 304 SS  
**C** = 316 SS  
**A** = Alloy 600  
 (Type "M" Only; See Box 11)

##### Sheath Length "L1" BOX 6

Whole inches  
**01 to 99**  
 For lengths over 99 in. consult TEMPCO.

##### Sheath Length "L1" BOX 7

Fractional inches  
**0** = 0"    **2** = 1/4"    **4** = 1/2"    **6** = 3/4"  
**1** = 1/8"    **3** = 3/8"    **5** = 5/8"    **7** = 7/8"

##### "L2" 1/2" NPT Nipple Length BOX 8

Whole inches **03 to 18**  
 For lengths over 18 in. consult TEMPCO.  
 Standard Lengths **S1** = 1", **S2** = 2-1/2", **S3** = 5-1/2"

##### Connection Head BOX 9

**A** = Standard Size Aluminum    **S** = Stainless Steel  
**B** = Medium Size Aluminum    **F** = Standard Bakelite  
**C** = Miniature Aluminum    **P** = Polypropylene  
**H** = Standard Cast Iron

*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.

##### Spring-Loaded Probe BOX 10

**O** = Not Required  
**Y** = Required

##### RTD Construction Type BOX 11

**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)

##### Special Requirements BOX 12

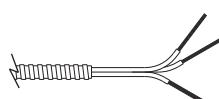
**X** = Specify  
**0** = None

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

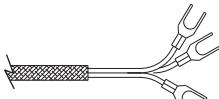
**(800) 323-6859 • Email: [sales@tempco.com](mailto:sales@tempco.com)**

## RTD Termination Styles

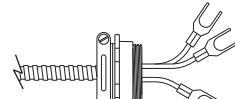
Style B—Plain Ends



Style S—Spade Lugs



Style C—Spade Lugs with BX connector

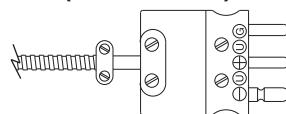


### Optional Termination Styles

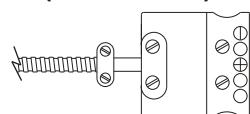
Available for the following RTDs:

Style	Page
RTD1	14-50
RTD4	14-53
RTD5	14-54
RTP	14-61 through 14-63

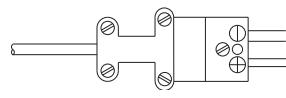
Style P—Standard Plug (3-wire shown)



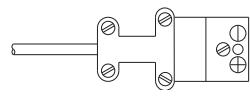
Style J—Standard Jack (3-wire shown)



Style D—Miniature Plug (2-wire shown)



Style E—Miniature Jack (2-wire shown)

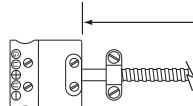


## ECR Style RTD Extension Assemblies

(3-wire circuits shown, 2-wire circuits also available)

Termination 1

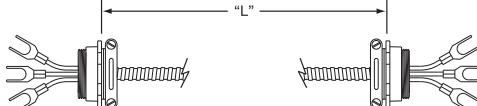
Termination 2



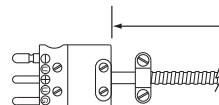
Style RJP—Jack to Plug

Termination 1

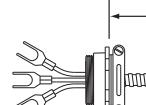
Termination 2



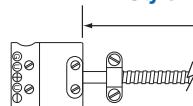
Style RCC—BX Connector to BX Connector



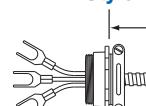
Style RPP—Plug to Plug



Style RCP—BX Connector to Plug



Style RJJ—Jack to Jack



Style RCJ—BX Connector to Jack

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

	Standard	w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	<b>S</b>	<b>B</b>	<b>A</b>
Teflon® 392°F (200°C)	<b>T</b>	<b>D</b>	<b>F</b>

### Special Requirements BOX 6

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

**Termination** (Specify for Both Ends) **BOXES 2 & 3**

**B** = 2-1/2 in. Split Leads      **D\*** = Miniature Plug  
**S** = Spade Lugs      **E\*** = Miniature Jack  
**C** = Spade Lugs with BX Conn.      **X** = Other (Specify)  
**P\*** = Standard Plug  
**J\*** = Standard Jack

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



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

**View Product Inventory @ [www.tempco.com](http://www.tempco.com)**