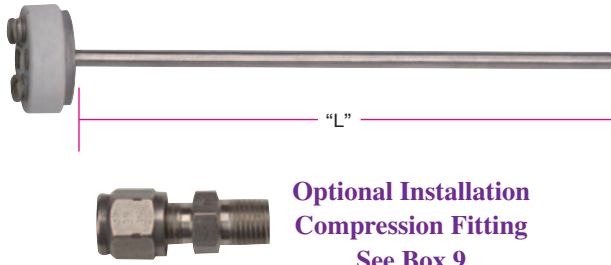




### Style RTD3 — Open Disc Termination



**Optional Installation  
Compression Fitting**  
See Box 9

### 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.

### Design Features

- \* *Platinum Resistance Element*
- \* *Ceramic disc 1-1/8" O.D. for 2-, 3- and 4-wire designs, 2-1/32" O.D. for dual 6-wire design (.188" and .250" O.D. sheath); consult factory for 1/8" sheath O.D.*

### Two Construction Styles to Suit Any Application

(See Ordering Code Box 8)

- \* *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:** **RTD3** -

#### Element BOX 1

**S** = 100Ω Single    **K** = 1000Ω 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

#### Sheath Length "L" BOX 7

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

#### Number of Leads BOX 3

**2** = 2-wire circuit  
**3** = 3-wire circuit  
**4** = 4-wire circuit  
*0.125" O.D. (Dual circuit not available)*

#### RTD Construction Type BOX 8

**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)

#### Sheath O.D. BOX 4

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

#### Optional Compression Fitting BOX 9

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

#### Sheath Material BOX 5

**B** = 304 SS  
**C** = 316 SS  
**A** = Alloy 600  
 (Type "M" Only; See Box 8)

#### Special Requirements BOX 10

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

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