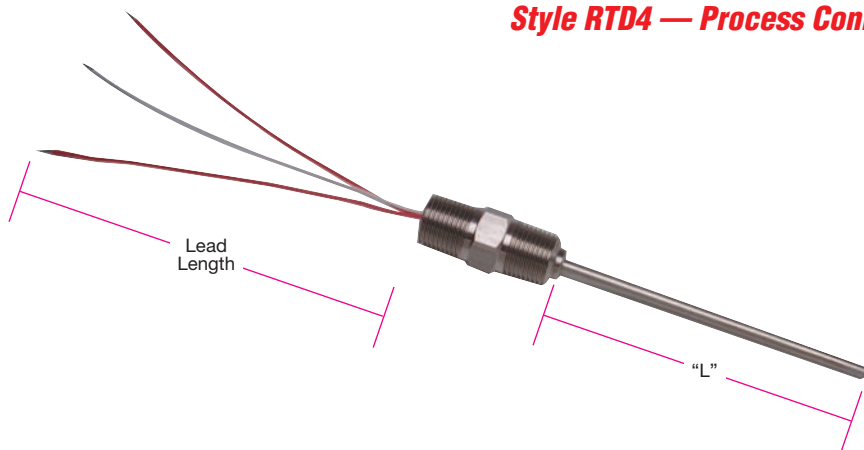


### Style RTD4 — Process Connection



#### Design Features

- \* Platinum Resistance Element
- \* Designed for mounting to connection head and thermowells
- \* Optional spring loading on 1/2" NPT only
- \* Stainless Steel fittings with 1/4" or 1/2" NPT thread

#### 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 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:

RTD4 -

#### 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.

#### 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"

#### Element Class BOX 2

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

#### Lead Wire Length BOX 8

In inches 001 to 999  
 12" (012) Standard

#### 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)

#### Thread BOX 9

4 = 1/4" NPT  
 2 = 1/2" NPT

#### RTD Construction Type BOX 11

T = Tube and Wire Construction  
 M = MgO Insulated Construction  
 (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"  
 X = Other (Specify)

#### Spring-Loaded Probe BOX 10

O = Not Required  
 Y = Yes, 1/2" NPT only

#### Lead Wire Construction BOX 12

Fiberglass Stranded 900° (482°C)	S	w/ SS Braid	B	w/ SS Armor	A
Teflon® Stranded 392°F (200°C)	T		D		F

#### Sheath Material BOX 5

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

#### Special Requirements BOX 13

X = Specify  
 0 = None

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