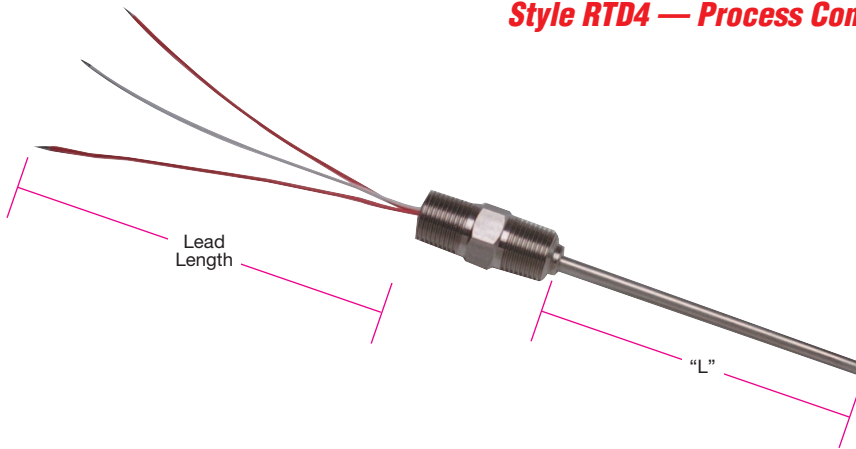


Style RTD4 — Process Connection



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.

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