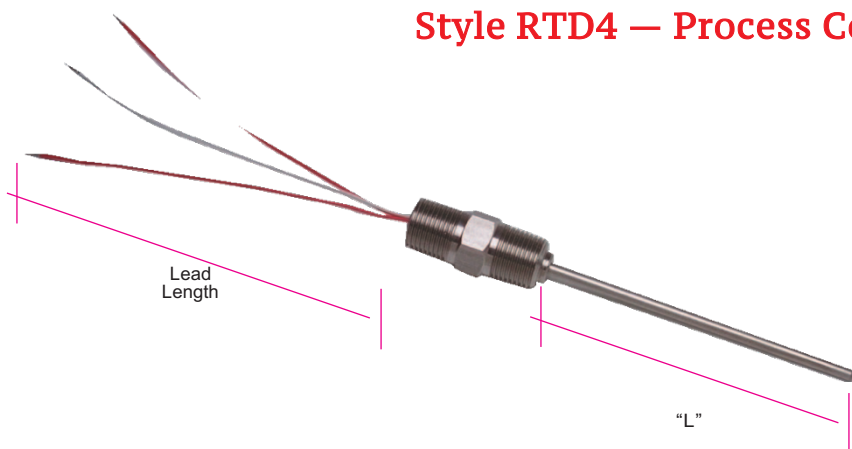


Style RTD4 – Process Connection



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

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.

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:

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 HK.

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

Spring-Loaded Probe BOX 10

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

Sheath O.D. BOX 4

F = 0.125"
G = 0.188"
H = 0.250"
X = Other (Specify)

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 Material BOX 5

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

Lead Wire Construction BOX 12

Fiberglass Stranded 900° (482°C)
 Teflon® Stranded 392°F (200°C)

S w/ SS Braid w/ SS Armor
T **B** **A**
 D **F**

Special Requirements BOX 13

X = Specify
0 = None