

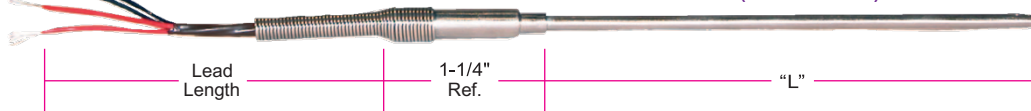


Style RTD1 – Straight Probes

Tube and Wire Construction (see Box 9)



Mineral Insulated Construction (see Box 9)



Design Features

Platinum Resistance Element



Optional Installation
Compression Fitting
See Box 12

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 9)

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:

RTD1	1	2	3	4	5	6	7	8	9	10	11	12	13
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Element BOX 1

S = 100Ω Single **K** = 1000Ω Single
D = 100Ω Dual **L** = 1000Ω Dual
X = Other (Specify)

Lead Wire Length BOX 8

In meters **001** to **099**
1 meter (001) Standard

RTD Construction Type BOX 9

T = Tube and Wire Construction
M = MgO Insulated Construction with strain relief spring (Type "M" not available for "K" or "L" from Element Box 1)

Element Class BOX 2

A = Class A, Standard
B = Class B, Optional

Number of Leads BOX 3

2 = 2-wire circuit
3 = 3-wire circuit
4 = 4-wire circuit
6 = 6-wire-circuit

Sheath O.D. BOX 4

F = 6mm
G = 8mm
H = 12mm
X = Other (Specify)

Sheath Material BOX 5

B = 304 SS
C = 316 SS
A = Alloy 600 (Type "M" only; See Box 9)

Lead Wire Construction BOX 10

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

w/ SS Overbraid* w/SS Flex Armor*

S **B** **A**
T **D** **F**

* Flex Armor options, over braid options and .125" O.D. and dual constructions may require transition

Lead Wire Termination BOX 11

P = Standard Male Plug 350°F (177°C) **F** = Mini Plug & Mating Jack
J = Standard Female Jack **B** = Std.—2-1/2 in. Split Leads
K = Std. Plug with Mating Jack **S** = Leads with Spade Lugs
D = Mini Male Plug 350°F (177°C) **C** = 2-1/2 in. Split Leads with BX Connector and Spade Lugs
E = Mini Female Jack
X = Other (Specify)

Plugs and Jacks for 2- and 3-Wire Only

Sheath Length "L" BOX 6 and 7

In mm
001 to **999**
For lengths over 99 in. consult HK.

Optional Compression Fitting BOX 12

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

Special Requirements BOX 13

X = Specify
0 = None