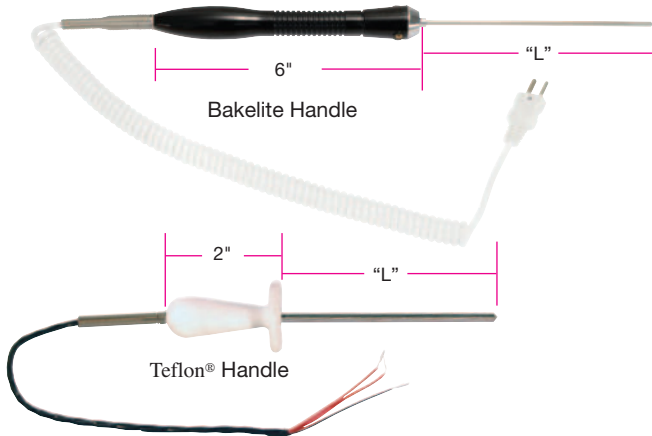


Temperature Sensing

Resistance Temperature Sensing



Style RTD5 — Handheld Probe

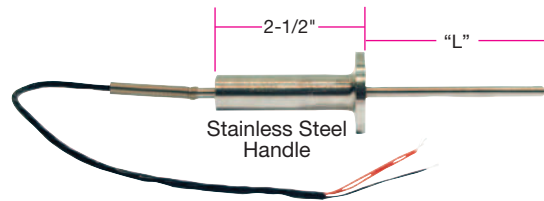


Design Features

- * **Platinum Resistance Element**
- * **Ground conical point for easy meat penetration**
- * **Large handle makes penetration and removal easy**
- * **Teflon® insulated lead wire construction good to 392°F (200°C)**
- * **Fiberglass lead wire construction good to 900°F (482°C)**
- * **3-wire coil cord construction good to 221°F (105°C). Not available with overbraid or flex armor. Extended length 5 or 15 ft. (standard).**

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:

RTD5 -

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 **012 to 999**
 60" (060) Standard
For Coil Cords Enter 060 or 180

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)

Lead Wire Construction BOX 9

| | Standard | w/ SS Overbraid | w/ Flex Armor |
|-----------------------------------|----------|-----------------|---------------|
| Coil Cord 221°F (105°C) | C | - | - |
| Fiberglass Stranded 900°F (482°C) | S | B | A |
| Teflon® Stranded 392°F (200°C) | T | D | F |

Sheath O.D. BOX 4

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

Lead Wire Termination BOX 10

P = Standard Male Plug 350°F (177°C) **F** = Mini Plug with Mating Jack
J = Standard Female Jack **B** = Split Leads
K = Std. Plug with Mating Jack **S** = Leads with Spade Lugs
D = Mini Male Plug 350°F (177°C) **C** = 2.5 in. with BX Connector and Spade Lugs
E = Mini Female Jack

Plugs and Jacks for 2- and 3-Wire Only

Sheath Material BOX 5

B = 304 SS
C = 316 SS

Handle Type BOX 11

1 = Stainless Steel
2 = Teflon® 500°F (260°C)
3 = Bakelite 400°F (204°C)

Special Requirements BOX 12

X = Specify
0 = None

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.