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

Element Class BOX 2
- A = ±0.06% at 0°C, Optional
- B = ±0.12% at 0°C, 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)

Sheath O.D. BOX 4
- F = 0.125"
- G = 0.188"
- H = 0.250"
- X = Other (Specify)

Sheath Material BOX 5
- B = 304 SS
- C = 316 SS

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"
- 1 = 1/8"
- 2 = 1/4"
- 3 = 3/8"
- 4 = 1/2"
- 5 = 5/8"
- 6 = 3/4"
- 7 = 7/8"

Lead Wire Length BOX 8
In inches 012 to 999
60" (060) Standard
For Coil Cords Enter 060 or 180

Lead Wire Construction BOX 9
Standard  w/ SS Overbraid  w/ Flex Armor
- Coil Cord 221°F (105°C)
- Fiberglass Stranded 900°F (482°C)
- Teflon® Stranded 392°F (200°C)

Lead Wire Termination BOX 10
- P = Standard Male Plug 350°F (177°C)
- J = Standard Female Jack
- K = Std. Plug with Mating Jack
- D = Mini Male Plug 350°F (177°C)
- E = Mini Female Jack
- F = Mini Plug with Mating Jack
- B = Split Leads
- S = Leads with Spade Lugs
- C = 2.5 in. with BX Connector and Spade Lugs

Plugs and Jacks for 2- and 3-Wire Only

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.

View Product Inventory @ www.tempco.com