

# Temperature Sensing

## Resistance Temperature Sensing

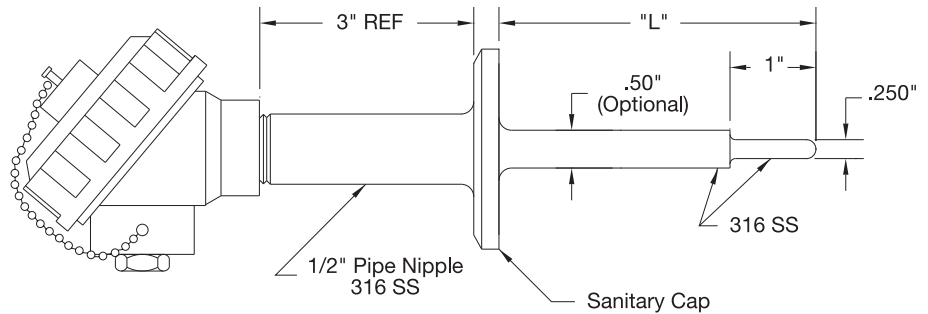


### Sanitary RTDs



#### Design Features

- \* Platinum Resistance Element
- \* Ideal for Food and Dairy Applications
- \* 316 SS Construction
- \* Available in Standard .250 dia. Tip or Optional .500 dia. Reduced to .250 dia.
- \* Improved Response Time
- \* Welded and Highly Polished Components
- \* Operating Temperature Range of -58° to 500°F (-50° to 260°C)



Ordering Code: **RTS** -

#### Diameter BOX 1

- 1** = 0.250"
- 2** = 0.500" with .250" tip

#### Element BOX 2

- S** = 100Ω Single      **K** = 1000Ω Single
- D** = 100Ω Dual      **L** = 1000Ω Dual
- TCR** = .00385 ohm/ohm/°C

#### Element Class BOX 3

- A** = ±0.06% at 0°C, Optional
- B** = ±0.12% at 0°C, Standard

#### Number of Leads BOX 4

- 2** = 2-wire circuit
- 3** = 3-wire circuit
- 4** = 4-wire circuit (*Dual Circuit not available*)

#### Sanitary Cap Type BOX 5

- (Standard Finish)
- A** = 16 AMP Tri-Clover
- X** = Other (Specify)

#### Sanitary Cap Size BOX 6

- A** = 1-1/2"
- B** = 2"
- C** = 2-1/2"
- D** = 3"
- X** = Other (Specify)

#### Sheath Length "L" BOX 7

- Whole inches
- 01 to 99**

#### Sheath Length "L" BOX 8

- 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"

#### Connection Head BOX 9

- P** = Polypropylene Head (FDA Approved)
- A** = Standard Die Cast Aluminum Head
- S** = Stainless Steel
- Note: Conduit connection for A & S is 1/2", and for B is 3/4". For overall dimensions see pages 14-98 to 14-100.

#### Special Requirements BOX 10

- X** = Specify
- 0** = None

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).