

Miniature Sanitary RTD Probe

Miniature Design
 3A Surface Finish
 Quick Time Response
 Single Element

Custom Designs Available with:

- Strain Relief
- Special Cable or Leadwires



The **Miniature Sanitary RTD Probe** is designed with polished 316 stainless steel case that is polished to a specific surface finish to reduce the areas that could shelter bacteria. The probes are designed to withstand cleaning processes typical in a sanitary environment.

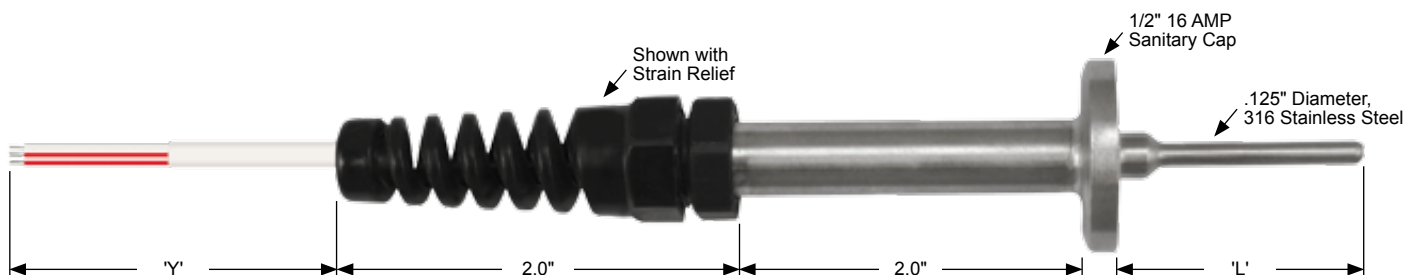
FEATURES

- Sheath Styles:
 - » 316 Stainless Steel
- Elements, Single:
 - » Platinum
- Leadwire/Cable Options

APPLICATIONS

- Process
- Pharmaceutical
- Food/Beverage
- Flow

performance specifications



Miniature Sanitary RTD Probe

dimensions

Repeatability:

Less than $\pm .06\%$ change in ice point resistance after 10 consecutive cycles between ice point and 250°C

Long Term Stability:

Less than $\pm .2\%$ ice point resistance shift after 1,000 hours at 250°C

Self Heating:

10 mW/C in water moving 3 feet/sec

Insulation Resistance:

1,000 megohms @ 500 V, leads to case

Hysteresis:

$\pm .15\%$ of span temperature

Pressure Rating:

Dependant on configuration, consult factory

Surface Finish:

16-32 μ

Sanitary Caps:

See ordering information



ordering info

Miniature Sanitary RTD Probe

Model Temperature Range

154M Moderate: -50 to 250°C (-58 to 482°F)

Model Element Accuracy Temperature Coefficient

P2A Platinum 100 Ohm $\pm .06\%$ at 0°C .00385

P2B Platinum 100 Ohm $\pm .12\%$ at 0°C .00385

P2C Platinum 100 Ohm $\pm .5\%$ at 0°C .00385

Model Leadwires, Element Configuration Color Code

3S Three Wire, Single Red/Red/White

Model Strain Relief Option

SR Strain Relief

N No Strain Relief

Model 'L' Immersion Length

---- Define 'L' Length in Inches (3.5 = 3.5") Note: Minimum 2.0" / Maximum 36.0"

Model 'Y' Leadwire/Cable Options

N No Options, Stranded TFE Leadwires (36.0" Standard)

W Leadwire Options

联系方式



深圳市亿为测控电子有限公司
Shenzhen Bill-Well Measurement & Control Electronics Co., Ltd.

广东省深圳市南山区创业路怡海广场东座2407 邮编：518000

电话：+86 755 2641 9890 传真：+86 755 2641 9680

电子邮箱：sales@bill-well.com