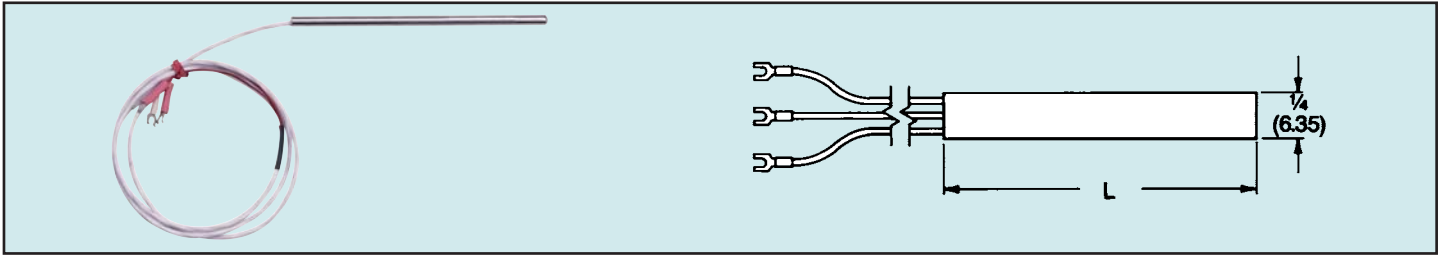




Series
RTD

Resistance Temperature Detector

Low Cost Precision Platinum Temperature Sensors, 316SS Sheath



Precision RTD (Resistance Temperature Detector) offers excellent accuracy and stability over a wide temperature range. Industry standard 3 wire 100 ohm (DIN) probes are available in various mounting configurations including quick disconnect plugs, ceramic connectors or direct duct mounting with 4-20 mA transmitter. Ideal for air or liquid immersion.

SPECIFICATIONS

Sensor Type: Wire wound.
Temperature Range:
 -148 to 392°F (-100 to 200°C)
 -148 to 1022°F (-100 to 550°C).
Temperature Limits: 1022°F (550°C).
Pressure Limits: 250 psig.

Probe Diameter: A= 1/4" B= 1/8".
Probe Length: 6, 9, 12, 18 or 24".
Probe Material: Stainless Steel.
Standard: DIN 43760.
Extension Length: 30".

STOCKED MODELS

| Model Number | | Length "L" Dim. | Operating Range |
|--------------|-------------|--------------------|--------------------|
| 1/4" Dia. | 1/8" Dia. | | |
| RTD-A06-C2L | RTD-B06-C2L | 6" | -100 to +200°C |
| RTD-A06-C6L | RTD-B06-C6L | 6" | -100 to +550°C |
| RTD-A12-C2L | RTD-B12-C2L | 12" | -100 to +200°C |
| RTD-A12-C6L | RTD-B12-C6L | 12" | -100 to +550°C |
| RTD-A18-C2L | RTD-B18-C2L | 18" | -100 to +200°C |
| RTD-A18-C6L | RTD-B18-C6L | 18" | -100 to +550°C |

APPLICATIONS

Typical applications are: air ducts, bearing temperature, oil temperature indicator, soldering equipment, ovens, environmental test chambers, pharmaceutical manufacturing, food processing, plastic molding, petroleum & chemical processing, electric generating plants, etc.

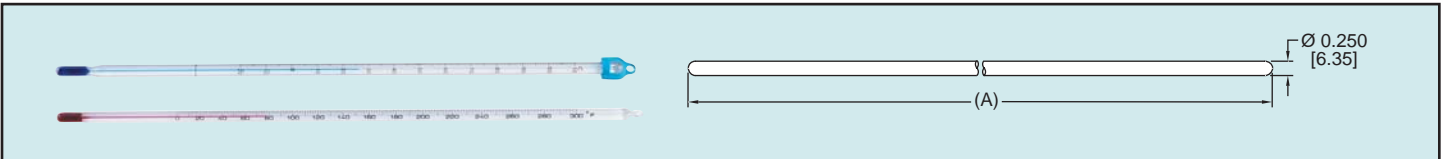
Temperature



Series
GT

Spirit-Filled Glass Thermometers

Partial Immersion, °F and °C Ranges, Individually Serialized



Environmentally safe, Series GT Spirit-Filled Glass Thermometers offer accurate and reliable temperature measurement without worry of mercury contamination or disposal. Organically filled with blue or red mineral spirits, these thermometers are designed for applications requiring only partial immersion. Individually serialized thermometers are calibrated over the entire scale and accurate to within NIST tolerances.

SPECIFICATIONS

Accuracy: ±1 scale division below 221°F (105°C), ±1.5 scale divisions above 221°F (105°C) and ±2 scale divisions above 392°F (200°C).
Fill Solution: Blue fill contains Isoamyl Benzoate; Red fill may contain Kerosene, Toluene, or Pentane with aniline dye.
Thermometer Length (A): 12" (305 mm) all models except for GT500F and GT260C which are 16" (405 mm).
Thermometer Diameter: 0.250" (6.35 mm).
Immersion Length: 3" (76 mm).
Weight: 0.1 lb (0.05 kg).

STOCKED MODELS in bold

| Model Number | Range | Divisions | Length (mm) | Immersion (mm) |
|---------------|--------------|-----------|-------------|----------------|
| GT120F | -30 to 120°F | 1°F | 12" (305) | 3" (76) |
| GT230F | 0 to 230°F | 2°F | 12" (305) | 3" (76) |
| GT300F | 0 to 300°F | 2°F | 12" (305) | 3" (76) |
| GT500F | 20 to 500°F | 2°F | 16" (305) | 3" (76) |
| GT110C | -20 to 110°C | 1°C | 12" (305) | 3" (76) |
| GT150C | -20 to 150°C | 1°C | 12" (305) | 3" (76) |
| GT200C | -10 to 200°C | 1°C | 12" (305) | 3" (76) |
| GT260C | -10 to 260°C | 1°C | 16" (305) | 3" (76) |
| GT5050C* | -50 to 50°C | 1°C | 12" (305) | 3" (76) |
| GT10050C* | -100 to 50°C | 1°C | 12" (305) | 3" (76) |

*Uses red fill solution.

APPLICATIONS

Manufacturing processes of petrochemicals, chemicals, food and beverage products, waste water treatment, biotechnology, and pharmaceutical industries. Use in ovens, water baths, incubators, and refrigeration.