



Fully Enclosed Surface Thermometers

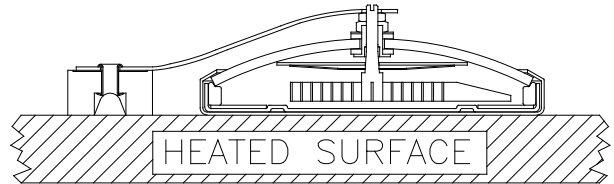


Made In U.S.A.



Model 310F
Fully Enclosed Surface Thermometer

- Fully Enclosed to Protect Bimetal
- Accuracy of $\pm 2\%$ of Full Scale
- NIST Certification Available
- Units Weigh Only 1 Ounce
- Magnet and Leaf Spring or Silicone Grease Available for Attachment



Cross Section of a 310 Series
Thermometer with Magnet & Leaf Spring

MODEL	RANGE	DIVISIONS
309F	-50°F to +250°F	2°
310F	0°F to 300°F	2°
311F	70°F to 370°F	2°
309C	-50°C to +110°C	2°
310C	-10°C to +150°C	2°
311C	20°C to 180°C	2°

SPECIFICATIONS

1. Accuracy..... $\pm 2\%$ of full scale range.
2. Dimensions:
Diameter..... 2 in. (5.1 cm).
Height..... 1/2 in. (1.3 cm).
3. Weight..... 1 oz. (28 g).
4. Shipping weight 1 lb. (454 g).

ACCESSORIES

Magnet & Leaf Spring.....Part No. 310.7.
Silicone Grease Adhesive.....Part No. 310.8

Any of the thermometers can be ordered as "complete", which includes both the Magnet & Leaf Spring and Silicone Grease accessories.

PTC® 310 Series of surface temperature thermometers are unilateral thermal sensors, which measure the temperature of the contact surface. These instruments are fully enclosed to protect the bimetal from dirt and dust. Accuracy of the thermometer is $\pm 2\%$ of full scale range.

These thermometers can be used for external wall leakage temperatures of refrigerators, cold chambers, freezers, ovens, and boilers; for temperatures of electric motors and cylinder blocks, plastic dies, and rubber molds; temperatures of journals and other bearings; all types of ducts; and wall, ceiling, and floor temperatures of building or storage areas.

The 310 Series of thermometers are 2 inches in diameter and weigh only 1 ounce. The bimetallic sensor is designed to permanently retain its calibration.

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