

PM-Series MINI PROBE TEMPERATURE SENSOR



DESCRIPTION

The Precon PM Series Mini Temperature Probe is designed for applications requiring a small sensor with fast thermal response in a demanding environment. Constructed from a 300 series stainless steel housing measuring 0.188 x 0.500 inch, the Mini Probe is available with a choice of NTC thermistor or RTD elements with a variety of resistance curves and accuracies. The temperature sensor is encapsulated within the housing to provide moisture and chemical resistance.

The tight tolerance of the housing OD (± 0.005 inch) provides for designs with small clearances, further improving thermal response.

Options include custom wire or cable, and thermally conductive epoxy to maximize the response time of the probe.

Applications include medical equipment, analytical instruments, food equipment, surface transportation, consumer goods and building controls.

Contact Precon for assistance in selecting the best probe for your application.

FEATURES

Small Size: At less than $\frac{1}{2}$ inch long and $\frac{1}{4}$ inch wide, the Mini Probe requires minimal space.

Thermistor Options: The Mini Probe is available with a variety of NTC thermistor or RTD curves and accuracies.

Fast Response Time: The small size coupled with the metal housing provide for rapid response to changing conditions. An optional conductive filler is available to maximize the response time.

Excellent environmental protection: Constructed from 300 series stainless steel, the Mini Probe will withstand harsh environments.