MEAS STATOR RTD

Temperature Sensor

- Variety of Configurations
- Single and Dual Elements
- Custom Designs Available with:
  - » Specific Dimensions
  - » Side Exit
  - » Paddle Style
  - » High Accuracy
  - » Special Cable or Leadwires

The Stator RTD Sensor is a rectangular, flat, laminated sensors commonly called “Stator Sticks” because they are inserted between the coils in the stator of a motor. These averaging type sensors are used in electric motors and generators for continuous sensing of the temperature and provide for consistent thermal monitoring without false alarms. Many sizes are in stock or we can customize for your application. Our Stator RTD sensors are built to meet the specifications of ANSI C50.10-1990, general requirements for synchronous motors. We can build to your specifications!

Features

- Rear Exit, Epoxy Glass Laminated
- Elements, Single and Dual:
  - » Platinum, Copper, Nickel
- Custom Body Thickness: .030” to .375”
  - » Standard: .030”, .050”, .078”, .093”, .125”
- Custom Body Widths: .250” to 2.50”
  - » Standard: .260”, .305”, .344”, .455”, .500”, .625”
- Leadwire/Cable Options

Applications

- Industrial
- Electric Motors
- Generators

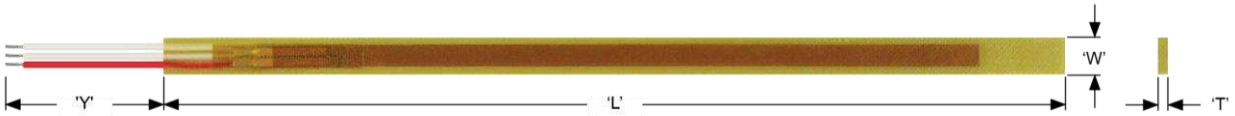
Performance Specifications

Dielectric Strength:
Class F: 3,000 volts RMS @ 60 Hz for 1 minute, between leads and external body surface
Class H: 2,000 volts RMS @ 60 Hz for 1 minute, between leads and external body surface

Temperature Limits:
Class F: 155°C (311°F)
Class H: 180°C (356°F)

RTD Leadwires:
Two Wire, Three Wire or Four Wire
Standard: Stranded Copper plated wire with PTFE insulation
Other leadwire coverings available

Dimensions



'L' = Body Length
'W' = Body Width
'T' = Body Thickness
'Y' = Leadwire/Cable Length