

RTD-200R

Removable Temperature Sensor

Product Specifications

Application . . .

Electric Heat Tracing Control

The RTD-200R is designed for use as control input for freeze protection and temperature maintenance applications requiring pipewall or tankwall temperature sensing.

A metallic NEMA 4 enclosure and terminal block allows ease of wiring into a single unit that can be installed directly onto a heat traced pipe. The RTD sensor can be removed and inspected or replaced without disturbing the thermal insulation.

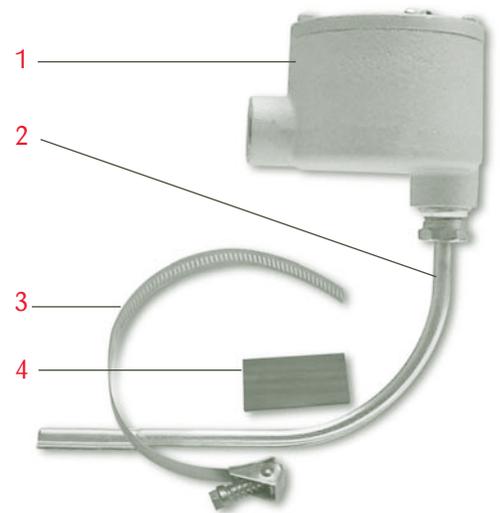
The RTD-200R is suitable for use in heat tracing applications where surface temperatures do not exceed 500°F (260°C).

Ratings/Specifications . . .

Electrical connection terminal blocks
 Enclosure rating.....NEMA 4
 Enclosure hub size..... 3/4" NPT female hub
 RTD leads..... 22 AWG, fluoropolymer
 RTD type..... 100 ohms at 32° (0°C)
 RTD calibration DIN Standard 43760/BS1904/IEC 751
 Temperature coefficient.....00385 Ohms/Ohms - °C
 Maximum sensor temperature..... 500°F (260°C)
 Sensor material.....stainless steel

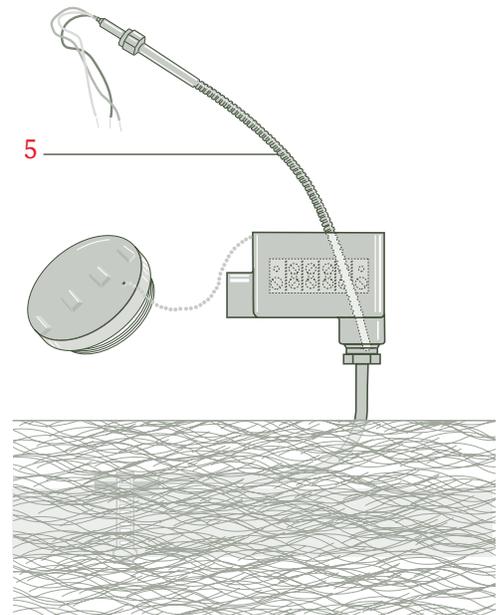
Product Features . . .

- Removable RTD sensor allows inspection or replacement without disturbing thermal insulation
- Terminal strip connections for wiring reliability
- Durable fluoropolymer insulated leads
- Extended sensor length for reduced sensitivity to ambient temperature changes
- Thermally conductive pad assures accurate sensing of heat traced pipe and vessel surface temperatures
- Precision fit of internal sensor ensures accurate sensing while allowing removability

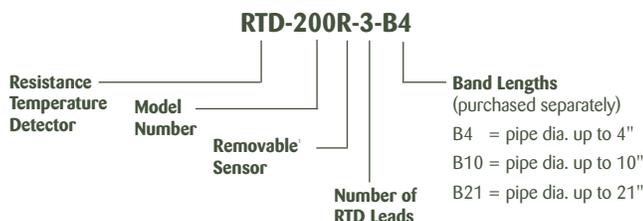


Construction . . .

- 1 Junction Box With Terminal Block
- 2 RTD Housing
- 3 Pipe Strap (purchased separately)
- 4 Conductive Pad
- 5 Removable RTD Sensor



Product Reference Legend . . .



Note . . .

1. Specify RTD-200RE-3 to order replacement sensor only.



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