

General Purpose RTD Temperature Sensor with Jacketed Cable



Platinum RTD element encapsulated in closed end stainless housing with jacketed cable

Applications

- Heating, ventilating, and air-conditioning
- Data logging
- Laboratory instrumentation

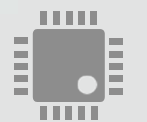
Features

- Corrosion-resistant stainless steel protective housing
- Abrasion-resistant PFA jacketed cable
- Widely used for a variety of temperature-sensing applications
- Available in Pt100 or Pt1000 resistance values
- +260°C maximum operating temperature

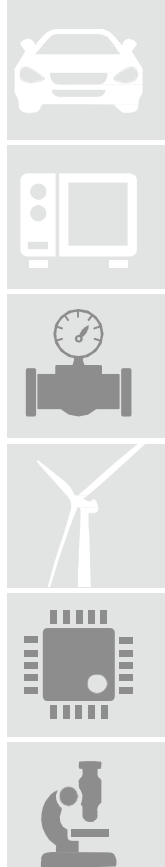
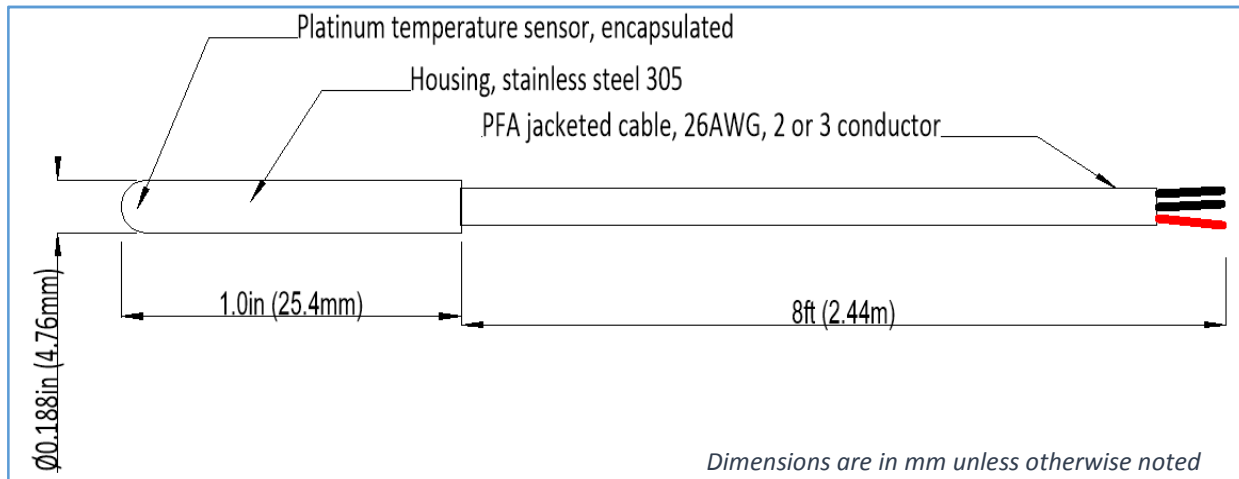
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Revision Date: 09/18



General Purpose RTD Temperature Sensor with Jacketed Cable Specifications



Specifications

Operating Temperature Range

40°C to +260°C

Temperature sensing element

Platinum RTD, Pt100 or Pt1000, as per
DIN EN 60751 F0.15

Wire resistance

0.04Ω/ft (0.134Ω/m) for each conductor

Connection wire

PFA jacket, PFA primary insulation,
26AWG (0.14mm²), 8 ft. (2.44m)

long, color: white

Pt100: 3 wire cable

Pt1000: 2 wire cable

Housing

Closed end tube,
stainless steel 304 (1.4301)

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Options

Wire length

Resistance value

Connectors

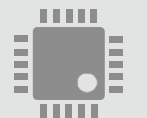
Ordering Code for Standard Product

Pt100 (3 wire): 35110013

Pt1000 (2 wire): 35110014

Resistance vs Temperature Table

Reference tables @ https://www.heraeus.com/en/hst/technical_information/technical_information_hst.aspx



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