

RTD Temperature Sensor

Product Overview

Therm-O-Disc is pleased to introduce RTD based temperature sensors for temperature controlled transportation, storage and cooking applications, available in different packages for the various applications.

This sensor typically measures temperatures from -40°C to 150°C [-40°F to 302°F] with high accuracy. In addition, it is available with RTD output to complement our NTC sensor product line and support various controller interfaces.

Primary Benefit

- Supporting industry adopted RTD technology with high quality RTD elements
- Customized packaging
- Products designed to meet EMC and UL requirements

Technical Specifications.

Characteristic	Options
Resistance at 0°C	100, 500, 1000 Ohms
Alpha	3850, 3750, 3911 ppm/k
Temperature Range	-40°C to 150°C

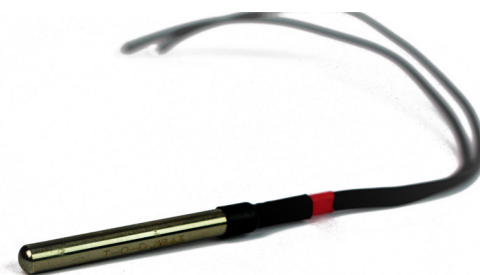
Key Features

- PT1000, PT500, PT100 RTD elements
 - o Capacitor option to match customer needs
- Temperature range -40°C to 150°C
- RTD stability
- Connector support per application

Potential Applications

Temperature monitoring in the following applications:

- HVAC equipment
- Cooking equipment
- Water Heaters
- Industrial heating and cooling equipment



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