This sensor probe utilizes a dual precision integrated-circuit temperature sensor, whose output voltage is linearly proportional to the Celsius temperature.

Design Features:
* Calibrated directly in °C
* Linear +10.0mv/°C scale factor
* ±1/4°C accuracy (at 25°C)
* Rated to full -55°C to 150°C range
* Suitable for remote applications
* Operates from 4 to 30 volts
* Less than 60μA current drain
* Low self-heating, 0.08°C in still air
* Nonlinearity only ±1/4°C typical
* Low impedance output, 0.1Ω for 1mA load

This Sensor is available in other designs and configurations. Consult Tempco with your requirements.

2000 Ohm RTD Sensor

This sensor probe is a fast responding 2000 ohm RTD sensor used widely in the HVAC, appliance and automotive industries. Sensor is protected in a 316 SS housing and supplied with 22 ga. Teflon® leads.

Design Features:
* 2000 ohm nominal resistance at 20°C
* Accurate to ±0.7°C at 20°C
* Near linear temperature sensitivity; provides 8Ω/°C sensitivity
* ±3% max. linearity (can be linearized to ±0.2%)
* Long term stability
* Interchangeable without sensor-to-sensor recalibration
* Operating temperature range of –40°C to +150°C

This type of sensor is also available in other designs and configurations. Consult Tempco with your requirements.

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