

Applications

Thermistors are reliable and economical temperature sensors. Typical applications include:

- Monitoring migration of water and other fluids.
- Monitoring heat of hydration and cooling of mass concrete.
- Providing readings for temperature compensation of other sensors.
- Monitoring external temperatures of process piping.

Specifications

Type: 3K Ohm thermistor

Range: -50 to 80 °C.

Accuracy: ± 0.5 °C.

Resolution: 0.1 °C (varies with readout device)

Dimensions: 0.3 x 2.5 inches

Materials: Stainless steel body, epoxy resin

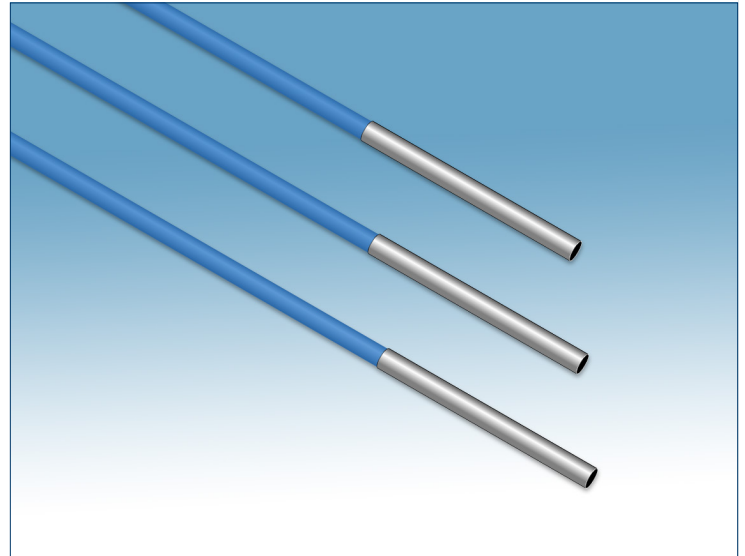
Signal Cable: 2 x 22 gage tinned conductors with mylar shield and PVC jacket.

IP Rating: IP68 at 250psi (1700 kPa)

Readout Devices

GEO thermistors are compatible with most readout devices, including

- Campbell Scientific dataloggers
- GeoCloud wireless nodes



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