

SOIL TEMPERATURE

- Moisture Sealed
- Designed for Greenhouses
- Platinum RTD or Thermistor

Reliable greenhouse operation

We have engineered our greenhouse soil temperature probe to ensure long life, rapid response and to seal against moisture.

The sensor is mounted using PC board technology to eliminate strain on the sensor leads, increasing reliability. This assembly is potted in heat transfer compound to provide rapid response and protection from vibration. The cover of our molded case is gasketed to eliminate moisture problems. The stainless steel sensing probe is sealed by an O-ring where it joins the case.

The lead wires are attached to a terminal strip inside the case and exit the case through a moisture sealing strain relief fitting. Should the leads ever become damaged they can be changed without changing the sensor. Hundreds of these probes have been installed in greenhouses with excellent reliability.



TECHNICAL DATA

Platinum RTD's: Our standard is a 100 ohm thin film element to DIN 43 760 (IEC 751) with a tolerance of 0.3 deg C.

NTC Thermistors: Our standard has a 10K resistance at 25C and a tolerance of +/- 0.2C.

Operating Temperature These sensors are intended for operation between -20C and 105C.

ORDERING DATA

TS - L - () - () - ()

stem length in inches	sensor type R = RTD T = Thermistor	sensor value 100 = 100 ohms 10K = 10k ohms
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e.g. TS-L-4-T-10K Soil sensor, for 4" long with 10K thermistor

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