

Soil & Water Temperature Probe

5600-0010



SPECIFICATIONS

Specifications subject to change without notice

Temperature Range	-40° to +60°C
Accuracy	0.1 °C within -5°C to 45°C
Type	Resistance
Resolution	0.01 °C
Response Time	less than 10 seconds
Depths	5 cm & 20 cm

DIMENSIONS

Length	4.1 in. (10.4 cm)
Diameter	<0.3 in. (0.5 cm)
Weight	5 oz with a 10' cable (136g with a 305 cm cable)

ORDERING

5600-0010-2	Temperature Sensor, Soil/Water with linear output, 15 ft. cable
5600-0010-2-025	Temperature Sensor, Soil/Water with linear output, 25 ft. cable
5600-0010-2-030	"Temperature Sensor, Soil/Water with linear output, 30 ft. cable"
5600-0010-2-050	Temperature Sensor, Soil/Water with linear output, 50 ft. cable
5600-0010-2-070	Temperature Sensor, Soil/Water with linear output, 70 ft. cable
5600-0010-2-100	Temperature Sensor, Soil/Water with linear output, 100 ft. cable
5600-0010-2-120	Temperature Sensor, Soil/Water with linear output, 120 ft. cable
5600-0010-2-125	Temperature Sensor, Soil/Water with linear output, 125 ft. cable"
5600-0010-2-165	Temperature Sensor, Soil/Water with linear output, 165 ft. cable
5600-0010-2-200	Temperature Sensor, Soil/Water with linear output, 200 ft. cable
5600-0010-2-250	Temperature Sensor, Soil/Water with linear output, 250 ft. cable
5600-0010-2-400	Temperature Sensor, Soil/Water with linear output, 400 ft. cable



While not designed for deepwater immersion, the 5600-0010 is water-tight for water temperature measurements in bogs, wetlands, wells, lakes, reservoirs, and rivers. Output is linear.

FEATURES

- ▶ Rugged, accurate probe that measures air, soil, and water temperature in a variety of applications.
- ▶ Linearization circuit is built into the sensor.
- ▶ The linear output eliminates the need to program a complex equation into the data recorder to convert the voltage to a temperature.
- ▶ The 5600-0010 is a three-wire sensor with connections to +5, GND and signal input
- ▶ Water resistant
- ▶ UV resistant
- ▶ High accuracy
- ▶ High sensitivity
- ▶ Includes 10K Resistor

APPLICATIONS

- ✓ Automatic weather stations
- ✓ Agricultural meteorological stations
- ✓ Coastal monitoring stations