

# Soil & Water Temperature Probe

5600-0010, 5600-0030

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The 5600-0010 Soil and Water Temperature probe has the same features as the 5600-0030 (below) with the additional feature of a linear output.

## Features

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The linear output eliminates the need to program a complex equation into the data recorder to convert the voltage to a temperature. The conversion from volts to degrees is done using a simple linear equation.

The 5600-0010 is a three-wire sensor with connections to +5, GND and signal input.

## Helpful Hints

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Connect resistor from Voltage reference (5V or less) to analog input channel. Connect probe from analog input channel to ground.

## Specifications

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*Specifications subject to change without notice*

<b>Accuracy</b>	-5 to 45°C	+0.1°C
<b>Cable</b>	15 foot length standard (other lengths available)	

## Ordering

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Part Number	Description
5600-0010-1	Temperature Sensor, Soil/Water with linear output, 15 ft. cable

The 5600-0030 Soil and Water Temperature Probe is designed for long-term burial in soil, concrete, or other high-moisture environments.

## Features

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While not designed for deepwater immersion, the 5600-0030 is water-tight for water temperature measurements in bogs, wetlands, wells, lakes, reservoirs, and rivers. Output is not linear. The equation to convert voltage to temperature is supplied with the unit.

- Water resistant
- UV resistant
- Rugged
- High accuracy
- High sensitivity

## Helpful Hints

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Connect resistor from Voltage reference (5V or less) to analog input channel. Connect probe from analog input channel to ground.

## Specifications

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*Specifications subject to change without notice*

<b>Accuracy</b>	0 to 60 °C	0.1 °C
	-40 to 60 °C	0.2 °C
<b>Cable</b>	15 foot length standard (other lengths available)	

## Ordering

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Part Number	Description
5600-0030-1	Temperature Sensor, Soil/Water, non linear output, 15 ft. cable

