



**METER**

## RT-1 SOIL TEMPERATURE SENSOR



### Measure Soil Temperature

The rugged RT-1 soil temperature sensor is an easy-to-use sensor for measuring the temperature of soil or other materials.

### Weatherproof for Long-Term Use

The sensor is stainless steel, completely water proof, submersible, and designed for continuous outdoor use.

### Soil temperature made easy

The rugged RT-1 sensor is plug and play with the Em50, EM60, and ZL6 data logger series. To measure volumetric water content and temperature, we recommend using the TEROS 11 or TEROS 12 sensor.

## Specifications

### MEASUREMENT SPECIFICATIONS

Temperature Range	-40°C to 80°C
Temperature Resolution	0.1°C
Temperature Accuracy	-40°C to -20°C : $\pm 1.0^\circ\text{C}$ 5°C to 40°C : $\pm 0.5^\circ\text{C}$ 40°C to 50°C and -20°C to 5°C : $\pm 1.0^\circ\text{C}$
Sensor Type	Thermistor
Sensor Dimensions	2 cm x 0.075 cm
Operating Environment	-40°C to 80°C
Cable length	5 m
Cable Connector types	3.5-mm stereo plug
Data logger compatibility	METER Em50/50G, EM60 series, ZL6 series, ZSC, ProCheck



**BİLMAR BİLİMSEL ARAŞTIRMA VE MÜHENDİSLİK ANONİM ŞİRKETİ**

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