

DigiTemp SOIL & WATER TEMPERATURE SENSOR



Digital in every water area

The FTS DigiTemp is a rugged SDI-12 sensor for measuring the temperature of soil, water or other liquids with scientific-grade accuracy and long-term reliability. It makes adding automatic temperature monitoring to existing stations incredibly easy and cost-effective. DigiTemp is a fully digital sensor, and is compatible with any SDI-12 compliant datalogger, like the Ser[LOG].

- No complex wiring to set up · just plug it in and forget it.
- Because it is a linear sensor, no need to program coefficients.
- Flexible strain relief cable is durable, watertight, and UV-resistant. Supports cable length up to 152 m (500') with no impact on performance.
- Strong molded end loop for attaching weights or other mechanism for helping to fish through conduit.

APPLICATIONS

- Soil temperature
- Streams
- Surface water
- Stilling wells
- Dams
- Aquaculture tanks

Professional Line	DigiTemp
Id-No.	DIGITEMP
Meas. range temperature	-40...60 °C
Accuracy temperature	± 0.2 °C (-5...45 °C)
Resolution	0.01 °C
Response time	95 % accuracy in < 2 min.; 99 % in < 3 min.
Interface	SDI-12
Current consumption	5 mA; 0.6 mA quiescent
Dimensions	Ø 16.5 mm; length 95 mm
Weight	25 g (sensor without cable); 0.9 kg (sensor with 18.3 m cable)
Cable	Length 18.3 m; customizable up to 152 m; maximum depth 30.5 m; UV-resistant

As of: 14.03.2025