

AquaTemp Submersible SDI-12 Temperature Sensor



Overview

Sutron's submersible SDI-12 temperature sensor is designed for a variety of applications. The unit functions effectively in soil, shallow streams and surface water where shorter cable runs are common.

AquaTemp accurately measures temperatures in stilling wells, dams and aquaculture tanks where very long cable runs are often necessary (up to 300 ft.). Cable length does not affect accuracy performance.

Features

- ▶ SDI-12 Operation (V1.3)
- ▶ Tough UV resistant polyurethane cable with waterblock 60ft. standard
- ▶ Stainless steel body with eyelet for weight or pull strings
- ▶ Flex fitting to protect cable
- ▶ Built-in SDI-12 surge protection

Applications

- ▶ Soil Temperature
- ▶ Streams
- ▶ Surface Water
- ▶ Stilling Wells
- ▶ Dams
- ▶ Aquaculture Tanks



*AquaTemp in Ice
Built Rugged
for Reliability &
Accuracy even in
Extreme Conditions*

SPECIFICATIONS

Specifications subject to change without notice

Measurement Interval	1 second to 24 hours
Units	Celsius, Fahrenheit
High Accuracy Temperature Sensor	±0.1°C (-5 to +45°C)
Temperature Resolution	0.01°C
Operating Range	-40 to +60°C
Quiescent Current	< 0.1 mA
Active Current	<5 mA
Input Voltage	7-16V
SDI-12 Operation	V1.3
Tough UV resistant polyurethane cable with waterblock	60 ft. standard
Diameter	0.63 inch
Device is capable of fitting through a standard 1 inch conduit with 8 inch factory bend corner	

ORDERING

Part Number	
AquaTemp-x	AquaTemp Submersible SDI-12 Temperature Sensor
x in the part number represents the number of feet of cable needed: 60, 100, 150, 200, 300 or any custom size the application requires.	
Calibration	
8700-0006	NIST-traceable AquaTemp Calibration Certificate