

Stevens Digital Temperature Sensor

SDI-12 Output



Description

The Stevens Digital Temperature Sensor is a smart temperature sensor ideal for high-accuracy readings in water, soil, and air. SDI-12 output communication ensures that the Digital Temperature Sensor can communicate with any Stevens or 3rd party data logger or telemetry system. Celsius, Fahrenheit, or Kelvin units can be selected for output by the user.

The Digital Temperature Sensor features fully-potted components, robust PVC Type II housing, and a 316-grade stainless steel tine, making the sensor suitable for harsh environments.

The marine-grade tine makes insertion into compacted soils easy, and a loop hole which can be used to mount weights or pull the sensor through pipes or other small areas.

Benefits

- High-accuracy temperature measurement
- Works in water, soil, or air
- Small size for easy installation

Features

- SDI-12 output
- Fully potted electronics
- Tough PVC Type II housing resists damage
- Celsius, Fahrenheit, or Kelvin output, user selectable

Applications

- Rivers
- Streams
- Lakes or reservoirs
- Weather stations
- Soil monitoring
- Research

Corporate Headquarters

12067 NE Glenn Widing Drive
Suite 106
Portland, Oregon 97220

800.452.5272 Toll Free
503.445.8000 Tel
503.445.8001 Fax
info@stevenswater.com
www.stevenswater.com

Since 1911, Stevens Water Monitoring Systems, Inc. has provided complete water monitoring solutions including:

- Water Level Sensors
- Water Quality Sensors
- Soil Moisture Sensors
- Chart Recorders
- Staff Gages
- Telemetry Systems
- Data Collection Platforms

Sensor:	Thermistor
Output:	SDI-12
Measurement Range:	-40° F to +140° F (-40° C to +60° C)
Accuracy:	±0.3° F (±0.2° C) from 23° F to 113° F (-5° C to +45° C)
Current Draw:	5 mA active, 0.6 mA quiescent
Units	Celsius, Fahrenheit, or Kelvin, user-selectable
Length	6.25 inches (15.87 cm)
Diameter	0.85 in (21.59 mm)
Weight	4.0 oz (113.4 g), without cable

ORDERING INFORMATION	
PART #	DESCRIPTION
51126	Stevens Digital Temperature Sensor with 100 ft of cable
93924	Cable for custom lengths in excess of 100 ft, specify length needed when ordering