

SD-TEMP-SS-06

## Self-Describing 6-foot Stainless Steel Temperature Sensor

A Self-Describing food-grade stainless-steel temperature sensor for use with HOBO MX1104 and MX1105 Multi-Channel Data Loggers.



### Supported Measurements

Soil Temperature, Temperature

### Features

- Self-Describing technology for quick, easy setup
- Locking jack to ensure sensor is connected and stays connected
- Food-grade stainless-steel temperature probe
- Measurement range of -40° and 100°C (-40° to 212°F)
- Accuracy of  $\pm 0.15^{\circ}\text{C}$  from 0° to 70°C ( $\pm 0.27^{\circ}\text{F}$  from 32° to 158°F)
- Available in 1.8 m (6 ft)

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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## Self-Describing 6-foot Stainless Steel Temperature Sensor (SD-TEMP-SS-06) Specifications

<b>Measurement range</b>	-40° to 100°C (-40° to 212°F)
<b>Accuracy</b>	±0.15°C from 0° to 50°C (±0.27°F from 32° to 122°F), insert probe 5.08 cm (2 inches) minimum; see Plot A
<b>Resolution</b>	0.002° at 25°C (0.003° at 77°F)
<b>Drift</b>	<0.1°C (<0.2°F) per year
<b>Response Time in Air</b>	3 minutes typical to 90% in air moving 1 m/s (2.2 mph)
<b>Response Time in Stirred Water</b>	15 seconds typical to 90%
<b>Probe Diameter</b>	3.2 mm ±0.25 mm (0.12 inches ±0.01 inches)
<b>Probe Length</b>	10.2 cm (4 inches)
<b>Probe Housing</b>	Food-grade stainless steel (#316 stainless steel) Note: The stainless steel probe is waterproof, but the handle is not intended for prolonged use in water or moist environments, especially those with temperatures greater than 30°C (86°F). For more details contact Onset Computer Corporation or an Onset authorized dealer.
<b>Cable Length</b>	1.8 m (6 ft)