

# **WE710 Surface Temperature Sensor**

Flat surface temperature sensors for remote monitoring.



- 4-20 mA output
- Marine grade cable with strain relief
- Fully encapsulated electronics

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Global Water
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needs:
Water Level
Water Flow
Water Samplers
Water Quality
Weather
Remote Monitoring
Control

## **Description**

The Global Water Surface Temperature Sensors are high quality, rugged instruments with a precision RTD calibrated to US National Standards. The sensor's output is 4-20 mA with a two wire configuration. Each of the surface temperature sensors is mounted on 25' of marine grade cable, with lengths up to 500' available upon request. The sensor's electronics are completely encapsulated in marine grade epoxy within an ABS plastic housing.

#### **Surface Temperature Sensor Applications**

The surface temperature sensors are well suited for many applications including, pipe temperature monitoring, solar panel temperature, water tanks, control panels, and many others.

### **Specifications**

Sensor Type: 100ohm Platinum Class A RTD

Output: 4-20 mA

Range: -58°F to +185°F (-50°C to +85°C)

Accuracy: ±0.5°F (±0.25°C) Operating Voltage: 10-36 VDC

Current Draw: Same as sensor output current Warm-Up Time: 3 seconds minimum

Adhesive Type: 3M #4910 Acrylic

Storage Temp: -67°F to +195°F (-55°C to +90°C) Sensing Surface: 0.75x1.5 inch (19x38 mm) Aluminum Housing: 2.0x1.1x3.8 inch (5x2.8x9.7 cm) (WxHxL) ABS

Weight: 13oz (368g) with 25 ft of cable

### **Options and Accessories**

WE710 — Surface Temperature Sensor

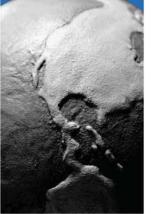
**WQEXC** – Extra Cable, up to 500 feet Cable length is measured from end of cable to bottom of sensor.

**GL500** — Surface Temperature Sensor Data Logger

**PC300** – Surface Temperature Sensor Controller

**EZ100** – Surface Temperature Sensor Display

**Regional Distributor** 





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