

WE710 Surface Temperature Sensor

Flat surface temperature sensors for remote monitoring.



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

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

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