TMC6-HE

Temperature (6') Sensor

A faster-response version of our TMC6-HD temperature sensor, complete with a plated-copper sensor probe. Includes accessories for strapping the sensor to a pipe or attaching it to a flat surface. For use with HOBO U-Series, UX120-006M, MX1100 external-channel data loggers, or ZW series wireless data nodes.

Key Advantages:

- Accuracy and resolution vary according to attached logger model
- Measurement range is -40° to 100°C (-40° to 212°F)
- Response time is 3 minutes typical to 90% in air moving 1m/sec (2.2mph)
- Sensor is attached to a 1.8m (6ft) cable

HOBO TMC6-HE Sensor Specifications

Measurement range: -40° to 100°C (-40° to 212°F)

Accuracy:

w/U12: ±0.25°C from 0° to 50°C (±0.45°F from 32° to 122°F), insert probe 2.3 cm (0.9 inches) minimum;

w/ZW: ±0.21°C from 0° to 50°C (±0.38°F from 32° to 122°F), insert probe 2.3 cm (0.9 inches) minimum;

w/UX120-006M, MX1104 and MX1105: ±0.15°C from 0° to 70°C (±0.27°F from 32° to 158°F), insert probe 2.3 cm (0.9 inches) minimum;

Resolution:

w/U12: 0.03° at 20°C (0.05° at 68°F);

w/ZW: 0.02°C at 25°C (0.04°F at 77°F);

w/UX120-006M, MX1104 and MX1105: 0.002° at 25°C (0.003° at 77°F);

Drift: <0.1°C (<0.2°F) per year

Response time in air: 3 min. typical to 90% in air moving 1 m/sec (2.2 mph)

Housing: Copper-plated sensor tip

Dimensions: 0.9 x 5.8 cm (0.38 x 2.30 inches)

Cable length: 1.8m (6 feet)

Weight: 34 g (1.1 oz)

Contact Us

Sales (8am to 5pm ET, Monday through Friday)
▶ Email sales@onsetcomp.com
▶ Call 1-508-759-9500
▶ In U.S. toll free 1-800-564-4377
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Technical Support (8am to 6pm ET, Monday through Friday)
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