ONSET

TEL-7001

Telaire 7001 CO2 Sensor

The Telaire 7001 handheld carbon dioxide sensor features patented absorption infrared technology. Each sensor measures CO2 and temperature and can calculate and display real-time ventilation rates. When combined with the HOBO MX1104, MX1105, or UX120-006M, it can record CO2. When connected to analog inputs on a HOBO H22, RX3000, or U30 series logger, it can record temperature and CO2. The Telaire comes with a power adapter, but also operates up to 70 hours on 4 AA batteries (not included).

Key Advantages:

- Record 0 to 2500 ppm when using the CABLE-CO2 and a HOBO U12, UX120-006M, MX1100, or ZW series logger
- Record 0 to 4000 ppm when using the CABLE-2070 and a HOBO RX3000, H22, or U30 data logger
- AC power adapter included

HOBO TEL-7001 Sensor Specifications

Measurement Range
When using the CABLE-CO2 **and a** U12 **or** ZW: 0 to 2500 ppm
When using the CABLE-2070 **and a** H22 **or** U30: 0 to 4000 ppm

Telaire 7001 operating range: 32°F to 122°F (0°C to 50°C), 0 to 95% RH, non-condensing
Display resolution: ±1 ppm
Accuracy: ±50 ppm or 5% of reading, whichever is greater
Repeatability: ±20 ppm
Temperature dependence: ±0.1% of reading per °C or ±2 ppm per °C, whichever is greater, referenced at 25°C.
Pressure dependence: 0.13% of reading per mmHg (corrected via user input for elevation)
Response time: <60 seconds for 90% of step change
Warm-up time: <60 seconds at 72°F (22°C)
Calibration interval: 12 months Full factory calibration available by contacting GE Measurement & Control Solutions.
Battery type: Four AA batteries (not included)
Battery operation: 80 hours (alkaline)

External power supply specifications
AC/DC adapter (included)
Output: 6 VDC, 500mA output.
Power connector: Round barrel with 2.5mm ID , 5.5mm OD, 12mm long, center positive (+6 VDC), outer shell ground.

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
▶ Fax 1-508-759-9100

Technical Support (8am to 6pm ET, Monday through Friday)
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