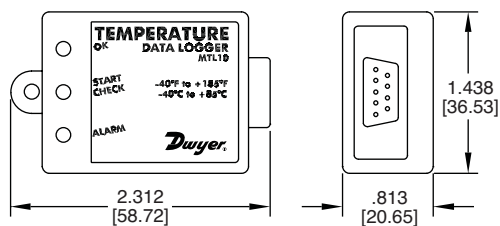




Series MTL10 Temperature Data Logger

Specifications - Installation and Operating Instructions



Measure and record the temperature of the surrounding environment with the Model MTL10 Mini Temperature Data Logger. Each unit is factory calibrated to an accuracy of $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$) over the operating range of -40 to 185°F (-40 to 85°C). Model MTL10 can store up to 2048 temperature measurements and can be set for continuous measurement or stop recording when the memory becomes full. Sampling rate is selectable from one minute to once every four hours. Recordings can be programmed to begin immediately, delayed (up to 6 weeks), or initiated by a push button. The logger can also be used to monitor long-term high and low alarms. Up to 12 low and 12 high temperature alarm events can be recorded. The logger has visual indication of an alarm condition without the need to connect to the computer.

FEATURES

- Simple to Use Software
- Export Directly to Excel
- View Graph & Text Simultaneously
- View Data Summaries at a Glance
- Tamper Resistant
- Temperature Alarm with Visual Indication on Demand
- Can Calibrate in the Field
- Push Button or PC Recording Control
- Over 3 Year Battery Life

SPECIFICATIONS

Temperature Range: -40 to 185°F (-40 to 85°C).

Memory Size: 2048 samples.

Alarm Memory: Up to 12 temperature high and 12 temperature low.

Accuracy: $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).

Resolution: $\pm 0.9^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).

Sampling Mode: Stop on memory full or continuous recording with memory rollover.

Sampling Rate: Selectable from 1 min. to 4 hrs. in 1 min. increments.

Computer Requirements: Intel compatible 486 or above and Windows® 95 or later with 8 mB RAM and 2mB hard drive disk space, one free RS232 port.

Power Requirements: 3.0V Lithium battery.

Battery Life: 3 years (approx).

Housing Material: ABS plastic.

Alarms: Programmable high/low.

Recording Start: Push button, computer controlled or up to 6 week delayed start.

Real Time Clock: Displays seconds, minutes, hours, month, day of the week and year.

Real Time Status: Updated every second.

Interface: RS232 Serial Port.

Weight: 3 oz (85 g).

Agency Approvals: CE.

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