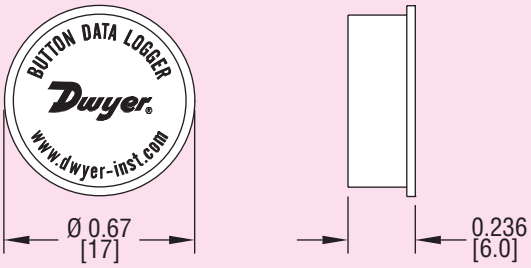
Series BDL

Button Data Logger

Compact Size, RS-232 Interface, Capable of Storing 2048 Readings



The Series BDL Button Data Logger records temperatures in applications where size and cost effectiveness are key. The BDL is housed in a stainless steel case and is water resistant, making it durable in hostile environments where excessive moisture is present. The BDL is self-powered and is capable of storing up to 2048 readings in user selectable increments of 1 to 255 minutes. This series can accurately record temperatures in the 14 to 185°F (-10 to 85°C) temperature range. The Model BDL-K Logger kit includes two buttons, 2 plastic holders, interface cable, and Windows® software.

Model BDL-10 (Single button)
Model BDL-K (Kit)

APPLICATIONS

Food processing verification, pharmaceutical storage, laboratories, transportation of temperature sensitive goods, equipment run time, HVAC system testing and balancing.

SPECIFICATIONS

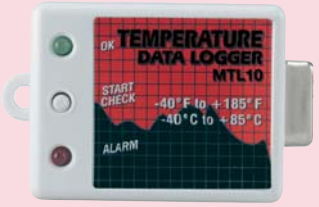
Temperature Range: 14 to 185°F (-10 to 85°C).
Memory Size: Capable of storing 2048 readings.
Accuracy: ±1.5°C.
Clock Accuracy: ±2 seconds per month.
Resolution: 8-bits- 0.9°F (0.5°C).
Sampling Methods: Continuous (First-in, First-out); Stop when full.
Sampling Rates: User selectable rates from 1 to 255 minutes.
Computer Requirements: IBM or PC or 100% compatible Pentium 75 with at least one free serial port, 16mB of RAM memory, color monitor and mouse.
Software Requirements: Button Data Logger For Windows® versions 95, 98, NT or 2000.
Power Requirements: Internal battery; 10-year approximate life.
Housing: Stainless Steel button.
Alarm Thresholds: User selectable, event storage.
Start Delay: Up to 255 minutes.
Communication: RS-232 interface.
Mounting: User selectable.
Weight: .14 oz (4 g).

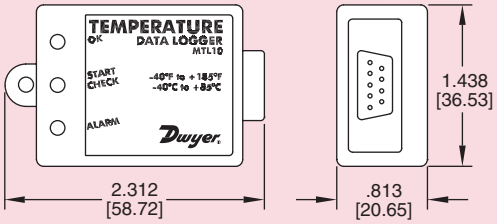
Model MTL10

Mini Temperature Data Logger

High/Low Temperature Alarm with Visual Indication, Software Included

CE





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 ±0.9°F (±0.5°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.

Model MTL10 Mini Temperature Data Logger

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: ±0.9°F (±0.5°C).
Resolution: ±0.9°F (±0.5°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.