Dwyer®

Model DL001

Temperature Data Logger

Self-Powered, 2-Channel, Store up to 32,768 Readings, Compact

CE

INPUT JACK FOR INTERFACE CABLE

SECURITY EYELET

MAGNETIC STRIP

2.856 [75.1]

.744 [18.9]

3.825 [97]

.664 [16.9]

TEMPERATURE SENSOR

3.375 [85.7]

.450 [11.4]
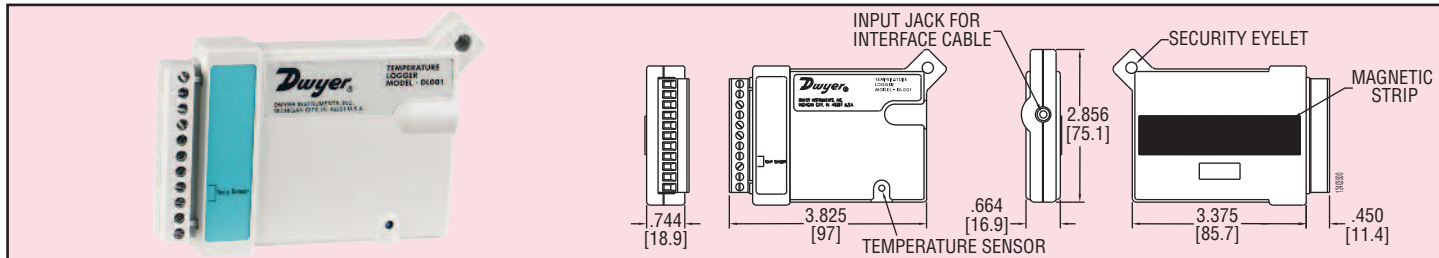
Record temperature in a wide range of applications including HVAC testing and balancing, transportation, and energy management with the Model DL001 Temperature Data Logger. Temperature logger has an on-board thermistor and an external sensor channel for remote temperature measurements. Microprocessor controlled circuitry includes solid state memory that can store up to 32,768 readings. Model DL001 logger operates totally independently from any external power supply with built-in lithium battery. Units feature a magnetic backing and locking hole for easy and secure mounting. Quickly program the temperature logger or upload data to a computer using Model DL200 Windows® software (sold separately).

Model DL001, Temperature Data Logger

ACCESSORY
DL200, Windows® Software and Connecting Cable

SPECIFICATIONS
No. of Channels: Two, one internal thermistor and one external temperature sensor.
Internal Thermistor Range: -40 to 158°F (-40 to 70°C).
Memory Size: 32,768 readings.
Accuracy: ±0.5°C (±0.9°F).
Clock Accuracy: ±8 s per day plus one sampling interval.
Internal Thermistor Resolution: 0.7°F (0.4°C), R25 value equal to 10,000Ω.
Resolution: 8 bits (1 in 256).
Sampling Methods: Continuous (first-in, first-out) or stop when full (fill-then-stop).
Sampling Rates: 8 s to once every 5 days, selectable.
Ambient Operating Temperature/RH: -50 to 160°F (-45 to 70°C), 0 to 95% RH, non-condensing.

Connection: Removable screw terminal.
Computer Requirements: IBM compatible 386 or above and Windows® 3.1 or later with 2 MB RAM and 2 MB hard drive disk space, one serial port.
Power Requirements: 3.6 V TL5134 lithium metal battery, internal, factory replaceable.
Power Consumption: 5 to 10 µA.
Housing Material: Polyphenylene ether and polystyrene PPE & PS.
External Sensor: Interchange-able NTC (negative temperature coefficient) thermistor recommended (not included).
Weight: 5 oz (110 g).
Agency Approvals: CE.