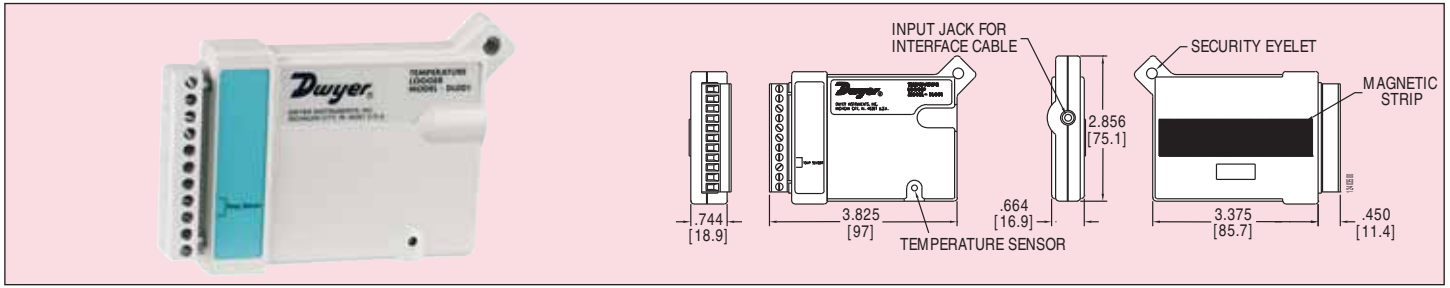
Rometec srl - www.rometec.it - Rometec srl - www.rometec.it - Rometec srl - www.rometec.it

Model DL001 Temperature Data Logger

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



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).

DL001 Temperature Data Logger

ACCESSORIES
DL200, Windows® Software and Connecting Cable

Windows® is a registered trademark of Microsoft Corporation.

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 seconds 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 seconds 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: 3.6V Lithium battery.

Power Consumption: 5-10 µA.

Housing Material: Polyphenylene Ether and Polystyrene PPE & PS.

External Sensor: Interchangeable NTC (negative temperature coefficient) thermistor recommended (not included).

Weight: 5 oz (110 g).

Agency Approvals: CE.

Rometec srl - www.rometec.it - Rometec srl - www.rometec.it - Rometec srl - www.rometec.it