**Data Loggers, Surface Mount**

**Windows® Software and Connecting Cable**

**DL200,**

**ACCESSORIES**

**DL691,**

**Plug-in Humidity Sensor**

**DL690,**

**Remote Humidity/Temperature Sensor**

Windows® software (sold separately).

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

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

- **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°F (±0.9°C).
  - **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:** Stop 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:** Polypropylene ether and polystyrene PP & PS.

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

- **Weight:** 5 oz (110 g).

- **Agency Approvals:** CE.

**Series DL6**

Pressure/Temperature/RH Data Logger

Self-Powered, 5-Channel, Store up to 32,768 Readings, Compact

- **SPECIFICATIONS**
  - **No. of Channels:** Five, internal thermistor, pressure module (included), plug-in humidity sensor, remote humidity/temperature sensor.
  - **Internal Thermistor Range:** -40 to 158°F (-40 to 70°C).
  - **Compensated Temperature Range:** 32 to 158°F (0 to 70°C).
  - **Memory Size:** 32,768 readings.
  - **Accuracy:** ±1% FS.
  - **Clock Accuracy:** ±8 sec/day plus one sampling interval.
  - **Thermal Accuracy:** ±1% FS.
  - **Drift:** ±0.2% FS/yr.
  - **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:** Selectable from 8 seconds to once every 5 days.

- **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:** Built-in 3.6V lithium battery.

- **Power Consumption:** 5-10 µA.

- **Service:** Air and noncorrosive gases.

- **Max. Pressure Rating:** 4x rated pressure.

- **Housing Material:** Polypropylene ether and polystyrene.

- **Weight:** 5 oz (110 g).

- **Agency Approvals:** CE.

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