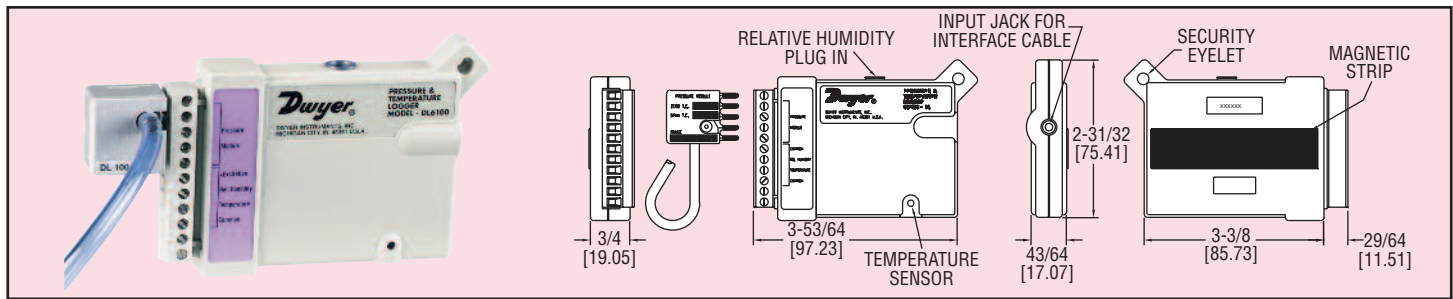




Series  
DL6

# Pressure/Temperature/RH Data Logger

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



**Monitor and troubleshoot** HVAC systems, verify energy management systems, or track performance of pneumatically controlled valves with Series DL6 Pressure/Temperature/RH Data Logger. Units include an on-board thermistor for ambient temperature measurement and pressure module. Remote humidity/temperature sensor and plug-in humidity sensor are sold separately. Loggers can store up to 32,768 readings and operate independently from any external power supply with built-in lithium battery. Use Model DL200 Windows® software (sold separately) to quickly program the logger or upload data to a computer.

Model	Pressure Range
DL6005	0 to 5 psig (30 kPa)
DL6030	0 to 30 psig (200 kPa)
DL6100	0 to 100 psig (700 kPa)

**ACCESSORIES**

- DL200, Windows® Software and Connecting Cable
- DL690, Remote Humidity/Temperature Sensor
- DL691, Plug-in Humidity Sensor

**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 s/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:** 3.6 V TL5134 lithium metal battery, internal, factory replaceable.
- Power Consumption:** 5 to 10 µA.
- Service:** Air and noncorrosive gases.
- Max. Pressure Rating:** 4x rated pressure.
- Housing Material:** Polyphenylene ether and polystyrene.
- Weight:** 5 oz (110 g).
- Agency Approvals:** CE.

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