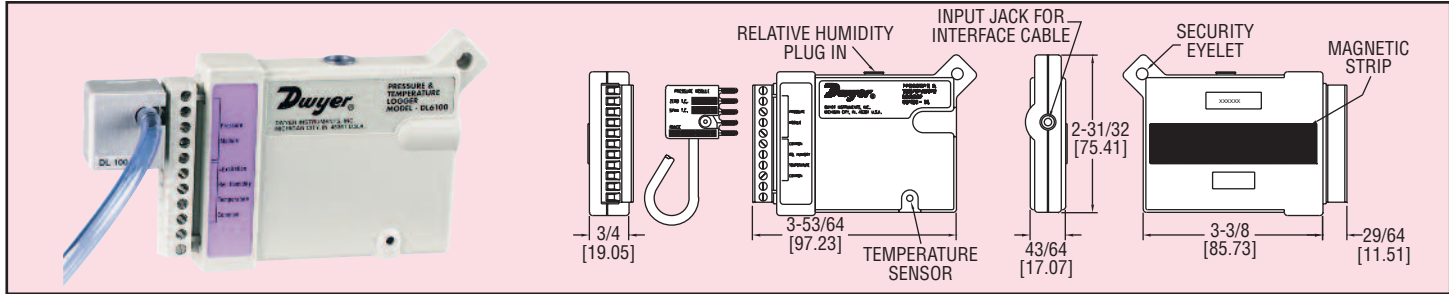




Series
DL6

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.