SERIES DLP

LCD PRESSURE DATA LOGGER
1/4˝ NPT Fitting, Records 262,143 Readings, Front Keypad

The SERIES DLP accurately records pressure and gives instant remote readings. The large, back-lit LCD and 8-button keypad provide convenient access to current data and recorder setup as well as memory and battery levels. The SERIES DLP  can be ordered for absolute or gauge pressure measurements up to 5,000 psi. Using the keypad or software, measurements can be read in psi, in. Hg, mm Hg, bar, atm, Torr, Pa, kPa, or MPa. The large memory capacity allows over 260,000 readings to be stored. The easy to use DL700 software makes creating permanent records, performing data calculations, and graphing of data simple. The DL2 can easily be started and stopped from a PC or delayed to start up to six months in advance. It can also stop recording at a specific time or after a certain number of readings have been taken.

FEATUERS/BENEFITS
• Efficient data capture tool to review processes are running correctly or to analyze alarm and out-of-spec conditions
• Intuitive keypad interface allows easy set-up
• PC start and stopping allows centralized control of data collection

APPLICATIONS
• Building automation
• Clean room
• Operating rooms
• Process applications
• Labs
• Regulated environments

SPECIFICATIONS
Ranges: 0 to 30 psig, 0 to 100 psig, 0 to 300 psig, 0 to 500 psig, 0 to 1000 psia, and 0 to 5000 psia depending on the model.
Memory Size: 262,143 readings.
Accuracy: 2% FSR, 0.25% at 77°F (25°C) typical.
Resolution: 0.002 psia (30 psi), 0.005 psig (100 psi), 0.02 psig (300 psi), 0.05 psig (500 psi), and 0.2 psig (1000 psi) depending on model.
Sampling Method: Stop on memory full or continuous recording.
Sampling Rate: Selectable from 2 s to 12 hrs.
Power Requirements: (6) AA alkaline batteries, installed functional, user replaceable.
Battery Life: 1 yr (approx).
Interface: USB port (interface cable required).
Housing Material: Black anodized aluminum case.
Wetted Material: 316L SS.
Enclosure Rating: IP65.
Weight: 40 oz (1134 g).
Agency Approvals: CE.

ACCESSORIES
Model Description Price
--- | --- | ---
DL700 | Software, manual and USB interface cable | $135.00

Items are net priced and are not subject to any discount.

Microsoft Windows®, Windows NT®, and Windows Vista® are registered trademarks of Microsoft Corporation.

SERIES DLP

PRESSURE/TEMPERATURE DATA LOGGER
1/4˝ NPT Fitting, Up to 5000 psia

The SERIES DLP Data Logger can record pressure and temperature. The 1/4˝ NPT fitting comes standard and allows the logger to be adapted to almost any pressure fitting. The internal temperature sensor provides accurate temperature measurements without the need of a separate temperature recorder, and many of the models provide a choice between measuring pressure in psia or psig. The DLP can easily be started and stopped from a PC or delayed to start up to six months in advance. The battery-powered data logger can store over 16,000 measurements per channel, and the easy to use DL700 software makes retrieving data simple.

FEATUERS/BENEFITS
• Efficient data capture tool to review processes are running correctly or to analyze alarm and out-of-spec conditions
• Battery-powered reduces need to hard wire power allowing device to be used in a as a tool in a variety of in-and-out testing
• PC start and stopping allows centralized control of data collection

APPLICATIONS
• Building automation
• Clean room
• Operating rooms
• Process applications
• Labs
• Regulated environments

SPECIFICATIONS
Range: Temperature: -40 to 176°F (-40 to 80°C); Pressure: 0 to 30 psig, 0 to 100 psig, 0 to 300 psig, 0 to 500 psig, 0 to 1000 psia, and 0 to 5000 psia depending on the model.
Memory Size: 16,383 readings per channel.
Accuracy: Temperature: ±0.9°F (±0.5°C); Pressure: 2% FSR, 0.25% at 77°F (25°C) typical.
Resolution: Temperature: 0.2°F (0.1°C); Pressure: 0.002 psia, 0.005 psia, 0.02 psia, 0.05 psia, and 0.2 psia depending on the model.
Sampling Method: Stop; on memory full.
Sampling Rate: Selectable from 2 s to 12 hrs.
Power Requirements: 3.6 V TL2150 lithium metal battery, installed functional, user replaceable.
Battery Life: 1 yr (approx).
Interface: USB port (interface cable required).
Material: 303 SS.
Weight: 12 oz (340 g).
Agency Approvals: CE.

ACCESSORIES
Model Description Price
--- | --- | ---
DL700 | Software, manual and USB interface cable | $135.00

Items are net priced and are not subject to any discount.

Windows® is a registered trademark of Microsoft Corporation.