New *DataQuick*™ 4-Channel Data Loggers

Our new 4-channel data loggers provide low cost, high resolution, battery powered solutions for muliples sensor applications. Monitor the ouput of today's multiple parameter sensors to verify system integrity and process validation. The high resolution 16-bit A/D converter provides an accurate, repeatable sensor reading. In addition, these multi-channel loggers store custom units as well as scale and offset values in the device. Programmable engineering units simplify evaluation of your data.

Real time clock ensures that all data is time and date stamped. All measurements are stored in non-volatile solid state memory, providing maximum data security even if the

DL100.100 4-channel process data logger

SPECIAL FEATURES

16 Bit Resolution
32,768 readings per channel
Setup, Calibrate & Download with Windows®-compatible software
Batch Download or Real Time Operation
Real time clock, non-volatile memory
Operational in Minutes
Low Cost

APPLICATIONS

4 to 20 mA recording
Process Monitoring
pH recording
Machine Monitoring
Replace Costly Strip Chart Recorders

battery becomes discharged. Collect data in batch or real-time operating modes.

Set up your data logger with our simple, straight-forward Windows®-compatible software program. Your system can be operational in minutes. Set the date, time, userID and other parameters quickly through the PC. One software package is all that is needed to operate all of these data loggers. Sensors are either internal or connected through screw terminals on the side.

Later, to download data, plug into an open serial port and let the software do the rest. Plot the data, calculate Max, Min, Mean and Standard Deviation. See the data logger software sheet for complete details. Order the software separately.

NIST-traceable calibration is available.

SPECIFICATIONS

	Current	Voltage	Thermocouple
Range:	-20.00 to +100.00 mA	-1.000 to 16.000 Vdc	-260 to 1370ºC
Resolution:	0.01 mA	0.5 mV	0.1ºC
Accuracy:	±0.1%FSR	±0.1%FSR	±0.5ºC
Memory(rdg/ch)**:**	32,767	32,767	21,214
Input Impedance:	75Kohm	10Kohm	JKTERSBN
Sampling Interval:	Prog. 2, 5, 10, 15, 30 sec; 1, 5, 10, 15, 30 min; 1, 2, 4, 8, 12 hrs.		
Input Connection:	removable screw terminal		
Engineering Units/Scale:	Software programmable		
Memory Wrap Around:	Selectable in software.		
Time Accuracy:	±1 minute per month at 20ºC		
Battery Life:	9 Vdc, 1-year (typical)		
Operating Env.:	-40 to 80ºC (-40 to 176ºF) 5 to 95%RH (non-condensing)		
Dimensions: (L xWxH)	127 x 81 x 19 mm 5″ x 3.2″ x 0.75″		
Weight:	40 g (1.5 oz.)		

DL100 4CHANNEL ORDERING INFO

DL100.100 Data Logger, 4-channel, current input.
DL100.101 Data Logger, 4-channel, voltage
DL100.102 Data Logger, 4-channel, thermocouple.
DL100.950 WINDL100 Software, with PC cable.
DL100.952 NIST-traceable Calibration Certificate.

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