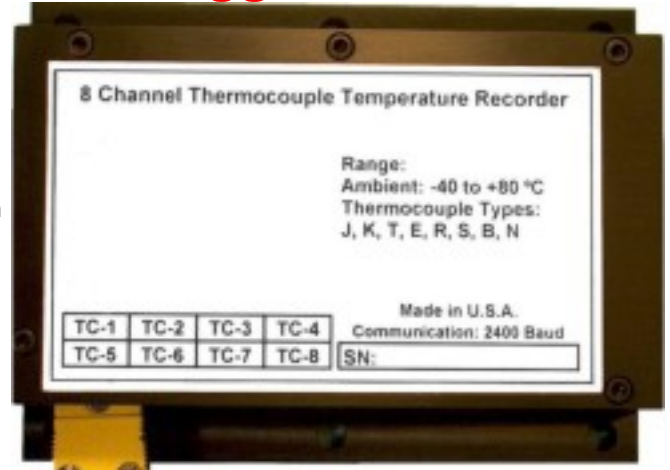


### New **DataQuick™** 8-Channel Data Loggers

Our new 8-channel data loggers provide low cost, high resolution, battery powered solutions for multiples sensor applications. Monitor the output 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



#### SPECIAL FEATURES

*16 Bit Resolution  
up to 16,373 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*

*DL100.112  
8-channel  
thermocouple  
data logger*

#### 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 1370°C
Resolution:	0.01 mA	0.5 mV	0.1°C
Accuracy:	±0.1%FSR	±0.1%FSR	±0.5°C
Memory(rdg/ch):	16,383	16,383	14,563
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 20°C	
Battery Life:		9 Vdc; 1-year (typical)	
Operating Env.:		-40 to 80°C (-40 to 176°F) 5 to 95%RH (non-condensing)	
Dimensions:		127 x 81 x 19 mm	
(L xWxH)		5" x 3.2" x 0.75"	
Weight:		40 g (1.5 oz.)	

#### DL100 8-CHANNEL ORDERING INFO

**DL100.110** Data Logger, 8-channel, current input.  
**DL100.111** Data Logger, 8-channel, voltage  
**DL100.112** Data Logger, 8-channel, thermocouple.  
**DL100.950** WINDL100 Software, with PC cable.  
**DL100.952** NIST-traceable Calibration Certificate.

#### For more information contact:

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