

TINY TEMPERATURE DATA LOGGERS

SL100

TEMPERATURE LOGGER

LOW COST

INCLUSIVE SOFTWARE

EASY TO USE

±0.2 °C SENSOR ACCURACY

INTRINSICALLY SAFE VERSION

www.signatrol.com

INTRODUCTION

The SL100 Temperature information logger provides a low cost easy method of recording temperature. All that is required is an IBM™ PC (or 100% compatible) with Microsoft™, Windows™ to begin using the logger. There is no programming, setup or cables to connect. Every SL100 logger comes complete with software and simply plugs into a PC comms port to download information.

CONTINUOUS RECORDING

The self powered SL100 is placed in the desired location, there are no switches, buttons or set up options to consider.

DATA RETRIEVAL

The logger is plugged directly into an available comms port on a PC and the software provided in the SL100 package will automatically find the logger and display a detailed time based graph of temperature recorded.

INFORMATION ANALYSIS

The logged temperature data is displayed on a scrolling window that permits detailed analysis. The scroll bar at the bottom of the graph window allows critical areas of data to be selected. Hardcopy printouts can be made which are easy to do using any Windows supported printer. Data can be saved for future reference or transported to the SL100-SOFTWARE package for even more powerful reporting facilities.

SOFTWARE

SL100 graph software is an easy to use data analysis programme for the SL100 temperature logger. To back up the stored data or view the temperature in real time, simply plug the logger into the PC's serial port. The software will automatically display the logged readings in a graphical format together with the current real time reading, on a time and date basis.



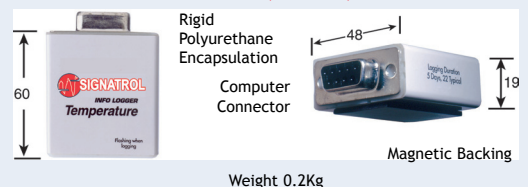
SPECIFICATIONS @ 20 °C

Memory size	8 K (with compression up to 32K)
Resolution	8 bit (1 part in 256)
Sampling method	First-in,First-out
Sampling rate	8 seconds to 34 minutes
Total record time	typically 22 days depending on temperature fluctuations
Operating limits	-40 °C to 85 °C
Clock accuracy	±2 seconds per day plus one sampling interval
Battery	3 volt lithium, 5 years normal use

APPROVALS

EMC	Emissions	EN 55011
	Susceptibility	IEC801-2,3,4

MECHANICAL DETAILS (IN MM)



ORDER CODE

SL100

Complete with software

Signatrol.com
Data Logging Solutions

Every effort has been taken to ensure the accuracy of this specification, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we reserve the right of amendment without notice.

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