

4-20mA Current Loop USB Datalogger

Features:

- 4-20mA current loop measurement range
- Logging rates between 1s and 12hr
- Stores 32,510 readings
- Connection via two screw terminals
- USB interface for set-up and data download
- User-programmable alarm thresholds
- Status indication via red and green LEDs
- Supplied with replaceable internal lithium battery and Windows control software



Application:

This standalone data logger measures and stores up to 32,000 current loop readings over a 4-20mA measurement range. The user can easily set up the logging rate and start time, and download the stored data by plugging the data logger into a PC's USB port and running the purpose designed software under Windows 2000, XP, Vista & 7. The data can then be graphed, printed and exported to other applications. The data logger is supplied complete with a long-life lithium battery. Correct functioning of the unit is indicated by a flashing red and green LED. The data logger features a pair of screw terminals and is supplied complete with a set of measurement leads terminating in crocodile clips.

Specifications:

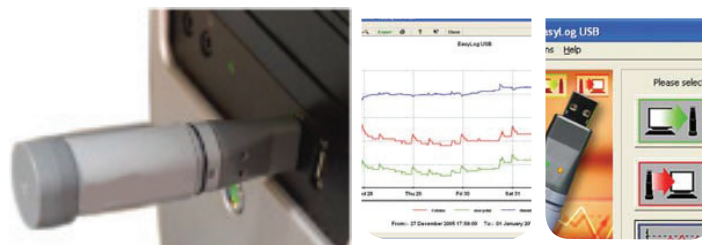
Specifications	Minimum	Typical	Maximum	Unit
4-20mA d.c. Measurement Range	4		20	mA D.C.
Internal resolution		0.05		mA D.C.
Accuracy (overall error)		±1		% ±1 count
Logging rate	every 1s		every 12 h	
Operating temperature range	-35 (-31)		+80 (+176)	°C (°F)
1/2AA 3.6V Lithium Battery Life		1 *		year

EL-WIN-USB(CONTROLSOFTWARE):

EasyLog USB control software is supplied free of charge with each data logger. Easy to install and use, the control software runs under Windows 2000, XP, Vista & 7. The software is used to set-up the data logger as well as download, graph and export data to Excel

The software allows the following parameters to be configured:

- Logger name
- Logging rate (1s, 10s, 1m, 5m, 30m, 1hr, 6hr, 12hr)
- High and low alarms
- Start date and start time



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⚙️ DIMENSIONS:

All Dimensions in mm (inches)



CONNECTION AND APPLICATIONS

