

Simple Logger® II

4 to 20mA Current Model L322



Model L322



Model L322 includes type A to 5-pin mini-B USB 2M, DataView® CD, two 1.5V AA-cell Alkaline batteries and user manual.

FEATURES

- ▶ 2 independent input channels
- ▶ -20 to +20mA_{dc}
- ▶ Programmable storage rates from 8 per second to 1 per day
- ▶ 3 user selectable storage modes
- ▶ Stores up to 240,000 measurements in non-volatile memory
- ▶ Scaling and engineering units inputted through software prior to saving
- ▶ Powered by standard Alkaline batteries
- ▶ Lightweight, compact, fits anywhere
- ▶ 5 LED indicators quickly and clearly display logger status
- ▶ Includes FREE DataView® software for data storage, real-time display, analysis and report generation
- ▶ USB cable included
- ▶ 50V Cat. III

SPECIFICATIONS

MODEL	L322
ELECTRICAL	
Channels	Two
Input Connection	One 4 position removable screw-type terminal block
Measurement Range	-20 to +20mA _{dc}
Resolution	0.01mA
Accuracy	0.25% of Reading + 0.05mA
Sample Rate	Maximum of 8 samples taken at storage interval
Storage Rate	Programmable from 125mS to 1 day
Storage Modes	Start/Stop, FIFO and Extended Recording Mode (XRM™)
Recording Length	15 minutes to 8 weeks, programmable using DataView®
Memory	240,000 measurements (512KB) The recorded data is stored in non-volatile memory & retained even if the battery is low or removed.
Communication	USB 2.0 optically isolated
Power Source	2 x 1.5V AA-cell Alkaline batteries
Battery Life	100 hours to >45 days (dependent on storage rate/recording length)
MECHANICAL	
Dimensions	5.45 x 2.75 x 1.28" (136 x 70 x 32mm)
Weight (with battery)	6.4 oz (181 grams)
Case	UL94-V0
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)
Shock	IEC 68-2-27 (30G)
Drop	IEC 68-2-32 (1m)
ENVIRONMENTAL	
Operating Temperature	14° to 122°F (-10° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)

APPLICATIONS

- ▶ Process control monitoring and troubleshooting
- ▶ Profile temperature, pressure, flow and other parameters directly
- ▶ General purpose DC current monitoring
- ▶ And many more



L322 recording loop current in a flow control panel.

DESCRIPTION

Simple Logger® II Model L322 (4 to 20mA_{dc} Current)

CATALOG NO.

2126.06