

DATA LOGGERS

SIMPLE LOGGER® II TRMS CURRENT

MINIFLEX® MODEL ML912

AC current recording loggers incorporate two selectable measurement ranges

SPECIFICATIONS

MODEL	ML912
ELECTRICAL	
Channels	Two
Input	Captive MiniFlex® AC Current Flexible Sensors
Range	1 to 100Aac 5 to 1000Aac
Accuracy (50/60Hz)	
(100A Range)	0 to 1A unspecified 1 to 100A: ±(1% of Reading + 0.5A)
(1000A Range)	0 to 5A unspecified 5 to 1000A: ±(1% of Reading + 1A)
Resolution	0.1A
Sample Rate	64 samples/cycle
Storage Rate	Programmable from 8 every second to 1 every day
Storage Modes	Start/Stop, FIFO, Extended Recording Mode (XRM™) and Alarm
Recording Length	15 minutes to 8 weeks, programmable using DataView®
Memory	240,000 measurement (512KB) The recorded data is stored in non-volatile memory and will be 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 (included)
Battery Life	100 hrs to >45 days (dependent on storage rate/recording length)
MECHANICAL	
Dimensions	4.95 x 2.75 x 1.28" (136 x 70 x 32mm) w/o Sensor
Max Conductor Size	Sensor: 6" (152mm)
Cable Length	6 ft (2m)
Weight (with battery)	8.67oz (245g)
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)

APPLICATIONS

- Single and Split phase load monitoring
- Neutral and ground current monitoring
- Intermittent problem detection
- Harmonic current monitoring using DataView® software
- Machine load monitoring
- Fault current detection
- Load profiling



FEATURES

- Includes two or four integral MiniFlex® flexible current probes that will measure from 1A to 1000A TRMS with 0.1A resolution
- Dual range 100/1000A user selectable per channel in software
- 64 samples per cycle
- Programmable storage rates from 8 every second to 1 every day
- 4 user selectable storage modes
- ML912 stores up to 240,000 measurements in non-volatile memory and ML914 stores up to 1,000,000 measurements
- Powered by standard Alkaline batteries
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data retrieval, real-time display, analysis and report generation
- Optically isolated USB 2.0 communication cable included
- EN 61010-1; 600V CAT IV, 1000V CAT III

CATALOG NO.	DESCRIPTION
2126.37	Simple Logger® II Model ML912 (2-Channel, TRMS, MiniFlex®, 100/1000Aac, DataView® Software)