

SPECIFICATIONS

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| MODEL | ML912 | |
| ELECTRICAL SPECIFICATIONS | | |
| Channels | 2 | |
| Input connection | Integral MiniFLEX™ flexible AC current sensors | |
| Range | 0.5 to 100 A _{AC} | 5 to 1000 A _{AC} |
| Accuracy | 0 to 1 A: unspecified 1 to 100 A: $\pm(1\% R + 0.5 A)$ | 0 to 5 A: unspecified 5 to 1000 A: $\pm(1\% R + 1 A)$ |
| Resolution | 0.1 A | |
| Sample rate | 64 samples/cycle | |
| Storage rate | Programmable from 125 ms 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 measurement (512 kB) 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 1.5 V AA-cell alkaline batteries | |
| Battery life | 100 hours to > 45 days (depending on storage rate/recording length) | |
| MECHANICAL SPECIFICATIONS | | |
| Dimensions | 136 x 70 x 32 mm (4.94 x 2.75 x 1.28") without sensor | |
| Weight (with battery) | 245 g (8.67 oz) | |
| Casing | UL94-V0 | |
| Vibration | IEC 60068-2-6 (1.5 mm, 10 to 55 Hz) | |
| Shock | IEC 60068-2-27 (30 G) | |
| Drop | IEC 60068-2-32 (1 m) | |
| ENVIRONMENTAL SPECIFICATIONS | | |
| Operating temperature | -10 to +50 °C (14 to 122 °F) | |
| Storage temperature | -20 to +60 °C (-4 to +140 °F) | |
| Relative humidity | Up to 85 % to 35 °C (95 °F) non-condensing | |
| Altitude | 2000 m | |
| SAFETY & ELECTRO-MAGNETIC COMPATIBILITY | | |
| Safety rating | IEC 61010-1 ; 600 V CAT III ; 300 V CAT IV ; Pollution degree 2 | |
| Protection degree | IP40 | |

FEATURES

- ▶ Two integral MiniFlex™ flexible current sensors measure from 0.5 A to 1000 A
- ▶ Dual range 100/1000 A_{AC}
- ▶ Programmable storage rate from 8 per second to 1 per day
- ▶ Choice of 3 recording modes
- ▶ Up to 240,000 measurements can be stored in non-volatile memory
- ▶ Lightweight, compact and ideal for situations where access is difficult
- ▶ 5 LED indicators for quick, easy-to-read display of logger status

APPLICATIONS

- ▶ Phase load monitoring
- ▶ Intermittent problem detection
- ▶ Harmonic current monitoring
- ▶ Machine load monitoring