

Designed For Reliability..

ML1-420
MINILOG DATA LOGGER

DATA ACQUISITION

General Description

The MiniLog Model ML1-420 combines the features of the Digital Data acquisition ML1 with the 4-20mA Data acquisition ML4-20 into a single Data Logger. Suitable for short term or long term, remote data logging applications. It can measure rainfall events from Tipping Bucket Rain Gauges, pulses from water meters as well as water level measurement via 4-20mA interfaces of the AD375MA, WL2100, WL3100 water level sensors or similar. When used for rainfall 'only', it can be powered by the internal AA battery for several years. When 4-20mA is used, external 12v is switched to the transducer to conserve power. Events, are stored in memory, which can be downloaded to either a PDA, laptop or desktop computer, or via modem. Memory Wrap feature ensures continuous data logging. An RS-232 serial port allows direct communication with a computer on-site. Logger requires a terminal emulation program and interrogation lead.

Features

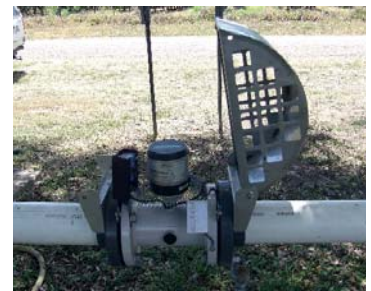
- Small and compact
- Low power consumption
- Robust waterproof aluminium enclosure (IP67)
- User friendly software with basic data reporting functionality

Specifications

- Inputs:
 - 1 x digital,
 - 1 x analog (16 bit),
 - 1 x battery voltage
- Data Memory:
 - 4MB Serial Flash EPROM,
 - 400,000 events (1second resolution)
- Events Logged:
 - digital input,
 - 4-20mA input,
 - battery voltage (internal & external)
 - and Internal Temperature
- Power Supply:
 - 1 x 3.6V lithium battery (12 months operation).
 - Requires external 12V supply for 4-20mA input
- Dimensions:
 - 68x60x40mm: 200 grams



MINILOG Model ML1-420/FL



N.B. Specifications are subject to change at any time without notice.



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