

Data Logger

ML28



- 4 Channels Digital Input
- ON/OFF Time Stamp
- Memory 128 Kbyte
- Data exportable to MS Excel

Data Logger ML28 This device records the ON/OFF status of digital signals. Data is continuously stored in the internal memory, accompanied by timestamps indicating when the events occurred. It is suitable for installation where monitoring the operational status of machinery-such as pumps, motors, or chillers-is required.

Data stored in the ML28 can be read by connecting a computer to the ML28 via an RS232 port or a modem, using software to read the data into the computer. The obtained data can then be displayed on the computer as numerical data or as graphs. This data can also be used in other Windows programs such as MS Excel, making it convenient to use.

Specifications

Serial Interface

Serial Standard: RS-232 Connector RJ12

Distance: RS-232 Length 15 m.

Serial Parameter

Baud Rate: 19200

Data Bits: 8

Stop Bits: 1

Parity: None

Digital Input

Number of Channel: 4 Channels

Sensor Type: Dry Contact or NPN Open Collector

Dry Contact:

ON : Short to GND

OFF : Open

Recording

Storage Internal: 128 Kbytes

Recording Interval: 10 msec

Record Mode: Stop when Full

Recording by: Button SW

Data Format: Can be exported to MS Excel

Data Capacity: 21,845 Records (4 Channels)

Power Requirements

Power Supply: Battery 6.2 VDC @1 AH
(Sanyo CR123A Lithium)

Power Consumption

Standby: 30 μ A @ 6 VDC

Start Record: 500 μ A @ 6 VDC

Environmental Limits

Operating Temperature: 0 to 55 °C

Operating Humidity: 5 to 95% RH

Storage Temperature: 0 to 70 °C

Physical Characteristics

Dimension: W81 x H61 x D26 mm.

Warranty

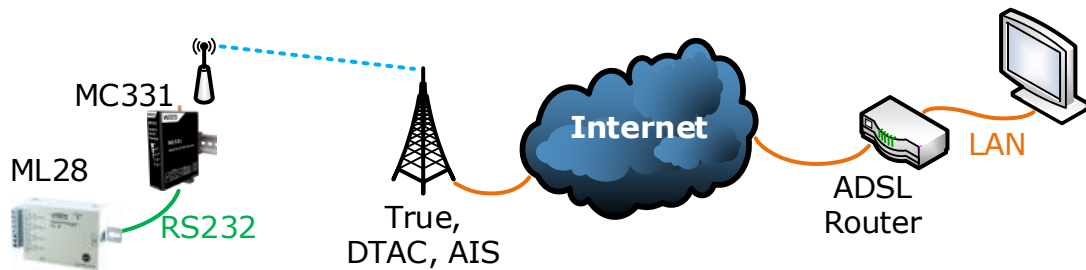
Warranty Period: 1 Year

Ordering Information:

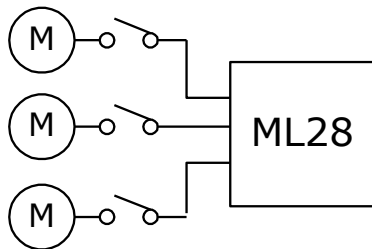
Example ML28

Package Checklist

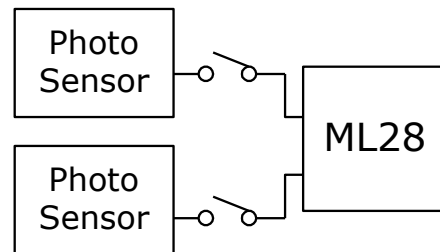
1. ML28
2. RS-232 Cable



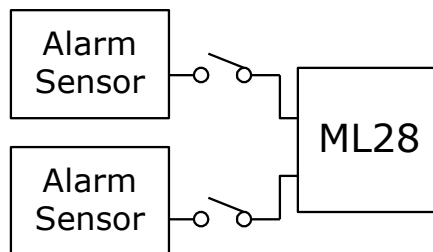
Connecting to a computer via the Internet (MC331).



Motor operating time log.



Light On/Off Time Log.



Record the time when a system anomaly occurred.