



DCMPUL101
DCMPUL101 Compact data logger for pulses
 1 measuring input for pulses up to 10 kHz
 Space for a total of 500,000 measurements

Product Description

The data logger DCMFUL101 is a cheaper battery powered small data logger with a very large space, very long battery life, start / stop function and much more. It can be easily programmed via a self-explanatory software for the automatic recording of pulse signals. It counts the pulses per unit time and recorded. A typical application example is the recording of flow measurements. Due to the flexible adjustment of the scale, the offset and the physical unit compact data loggers can be adapted to virtually any sensor with pulse output.

Specifications

- 1 measuring input for pulses up to 10 kHz
- Space for a total of 500,000 measurements
- Programmable scale factor and offset unit
- Easily programmable via software
- Easy export of data in EXCEL™
- Rechargeable battery for up to 10 years life

Product Details

Measurement channel:	1 measuring input for pulse signals
Entrance: TTL	signals, pulse signals of 0 VDC to +30 VDC or dry contact, maximum input frequency of 10 kHz, input impedance:> 60 kOhm. Minimum pulse width active input: High> 2.8 V DC, Low <0.4 VDC
Storage:	Maximum of 500,000 measurements. Circular mode via software. 250,000 measurements in start / stop mode (multiple start and stop the recording).
Capture rate:	1 / s to 1 Messung/24 hours.
Engineering unit:	Each physical unit with up to 10 characters can be programmed via software and is stored in the device.
Real-time viewing:	The data logger may be used in conjunction with a PC for direct viewing and storage of the measurement data.
Interface:	USB interface (Interface Interface required) 115,200 baud.
Indicator:	Two LEDs on the front panel, to display the recording status, battery status, alarm and memory status.
Supply:	Replaceable 3.6V lithium battery (included) with a typical lifetime of 10 years at 25 ° C (depending on frequency and cycle time of the pulse).
Time accuracy:	+ / -1 Minute per month at 20 ° C operating temperature, if the interface is not in use.
Data format:	The data will be stamped with the date and time and the programmed via software engineering unit.
Ambient temperature:	-40 ° C to +80 ° C, 0% to 95% relative humidity.
Sensor connection:	Pluggable screw.

The data logger can be used only with the interface cable (USB) DCMIFC200