

MICRO POWER DATA LOGGER



FEATURES

Extreme power efficiency

Integrated PV charger with MPPT

Built-in GPRS data transmission

Ingress Protection (IP) up to IP68

Variable inputs including SDI-12

Configurable alarms

Universal, low power consumption data logger with multiple inputs. Wide range of measurement recordings include 4 configurable inputs (0-3V, 0-10V, 4-20mA, pulse) and additional SDI-12 port. The device enables individual configuration of logging and GPRS transmission intervals. All settings are made with intuitive, PC or web-based software.

DATA ACCESS

What is very important, the recorded data can be accessed through web-based Data Analysis System or can be transmitted directly to the user's server. Standard configuration for environmental parameters monitoring with 15-minute data logging intervals and GPRS data transmission every 60 minutes, allows the Micro Power Logger to operate with a standard battery for 4 years without charging.

INTERNAL MEMORY

To make sure the data will not be lost when the GPRS connection is broken, the internal memory of the logger can save up to 10.000 records which will be sent after the communication is restored.

HOUSING (IP)

The choice between three levels of protection (IP 66, IP68 or IP68 ATEX) for electronic parts makes the device perfectly fitted to all kinds of measurements.

TECHNICAL SPECIFICATION

Power consumption in standby mode	<250 μ W
Average power consumption during GPRS transmission	~0,3W
Power supply	5 - 30 V DC
Integrated PV charger with MPPT	YES
Data transmission type	GSM / GPRS
Inputs	4 configurable inputs (0-3V, 0-10V, 4-20mA, pulse counter)
SDI-12 input	YES, up to 4 additional sensors
Sensor power supply port	Individual for each sensor with configurable power supply time
Logging rate	Configurable by user
Data sending interval	Configurable by user
Internal memory	10 000 records
Protection (housing)	IP 66, IP68, IP 68 ATEX
Working temperature	-30°...+60°C
External dimensions [\varnothing x H]	195x125x60 mm
Weight	300 g

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