

Multilogger - thermo-hygro-CO2-barometer with 2 MiniDIN and 2 Terminals



code: M1323

Battery powered datalogger with built-in CO2 and atmospheric pressure sensor and 4 universal inputs for measurement of temperature, humidity, 0-10V voltage, 0-20mA current, two-state signal and for counting pulses. Multilogger can be installed permanently to Ethernet network or work as portable device.

Included is traceable calibration certificate in accordance with EN ISO/IEC17025.

The Multilogger is a battery operated datalogger capable of measuring and recording sensor and electrical values through its inputs.

Datalogger can be connected to Ethernet. Then measured values can be viewed on a web browser, as well as stored and downloaded for later analysis.



Technical data

TEMPERATURE SENSOR - external probe Pt1000	
Measuring range	-200 to +600 °C
Accuracy	± 0.2 °C (-200 to +100 °C); ± 0.2 % from reading from +100 to +600 °C
Resolution	0.1 °C
TEMPERATURE+HUMIDITY SENSOR - external probe T+RH DIGI	
Measuring range	according to the connected probe Digi/M
Accuracy	according to the connected probe Digi/M
Resolution	0.1 °C
DEW POINT	
Measuring range	according to the connected probe Digi/M
Accuracy	according to the connected probe Digi/M
Resolution	0.1 °C
ATMOSPHERIC PRESSURE SENSOR	
Measuring range	600 hPa to 1100 hPa
Accuracy	±1,3 hPa at 23 °C
Resolution	0.1 hPa
CO2 SENSOR	
Measuring range	0 to 2 000 ppm
Accuracy	50 ppm + 2 % of the measured value at 23 °C a 1013 hPa
Resolution	1 ppm
DC VOLTAGE	
Measuring range	0 to 10 V

Resolution	Accuracy	±10 mV
Measuring range 20 to 20 mA 220 μA Resolution Better than 0.1 μA Better than 0.1	Resolution	better than 100 μV
Accuracy ±20 μA Resolution better than 0,1 μA BINARY SIGNAL Input voltage for level "switched on"/ Acq.4 V/> 2 V Minimum/maximum input voltage 0 V/+30 V DC Impedance of the "switched on"/ COUNTER INPUT Range of counter 24 bit (16 777 215) the counter overflow can be allowed Maximum input frequency GENERAL TECHNICAL DATA Operating temperature Channels Cosub>2, 2x external temperature probe or connectable temperature+humidity probe, <10 × 2x binary, counter, voltage and current input dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy Memory 1 000 000 values (nonexpice record), 600 000 values (cyclic record) Recording interval Display and alarm refresh Recording mode nonexpice - data logging stops after filling the memory br>cyclic - after filling memory oldest data is overwritten by new Available temperature units Available temperature units Communication interface Ethernet, USB, RS232 Ethernet communication protocols Better to MWW, SNMP-1, XML, DATALINK Alarm protocols Better to Ac adapter 230Vac/5Vdc (neccessary for Ethernet interface) Battery life AC adapter 230Vac/5Vdc (neccessary for Ethernet interface) Battery life Protection class Dimensions (without connectors) Weight (including batteries)	DC CURRENT	
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