

Ethernet Multilogger - universal datalogger with 4 inputs

code: M1300



Battery powered datalogger with 4 universal inputs for measurement of 0-10V voltage, 0-20mA current, two-state signal and for counting pulses. Signals are connected to four detachable terminal blocks.

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

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| DC VOLTAGE | |
| Measuring range | 0 to 10 V |
| Accuracy | ±10 mV |
| Resolution | better than 100 µV |
| DC CURRENT | |
| Measuring range | 0 to 20 mA |
| Accuracy | ±20 µA |
| Resolution | better than 0,1 µA |
| BINARY SIGNAL | |
| Input voltage for level "switched on"/ | <0,4 V/> 2 V |
| Minimum/maximum input voltage | 0 V/+30 V DC |
| Impedance of the "switched on"/ | < 10 kOhm/> 300 kOhm |
| COUNTER INPUT | |
| Range of counter | 24 bit (16 777 215) the counter overflow can be allowed |
| Maximum input frequency | 200 Hz |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -10 to +60 °C |
| Channels | 4x binary, counter, voltage and current input |
| Memory | 1 000 000 values (noncyclic record), 600 000 values (cyclic record) |
| Recording interval | 1s to 24 hours |
| Display and alarm refresh | each 10 s |

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| Recording mode | noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new |
| Available temperature units | degrees Celsius, degrees Fahrenheit |
| Communication interface | Ethernet, USB, RS232 |
| Ethernet communication protocols | WWW, SNMPv1, XML, DATALINK |
| Alarm protocols | E-Mail |
| Power | AC adapter 230Vac/5Vdc (necessary for Ethernet interface) |
| Battery life | 3 - 4 weeks |
| Protection class | IP20 |
| Dimensions (without connectors) | 178 x 95 x 37mm, without attached cables |
| Weight (including batteries) | approx. 380 g |
| Warranty | 3 years |