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

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
I mpedance 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

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 (neccessary 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