Multilogger - thermo hygro meter with 2 MiniDIN and 2 Thermocouple inputs



code: M1220

Universal datalogger with 4 inputs. Two inputs for temperature-humidity probes and two inputs for thermocouples K, J, S, B, T, N.
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.
Data logger 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
TEMPERATURE SENSOR - thermocouple K, N	
Measuring range	-200 to +1300 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple J	
Measuring range	-200 to +750 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple S	
Measuring range	0 to +1700 °C

Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple B	
Measuring range	100 to +1800 °C
Accuracy	± 0,3 % from the measured value + 1 °C in the range +300 to +1800 °C
Resolution	0.1 °C
TEMPERATURE SENSOR - thermocouple T	
Measuring range	-200 to +400 °C
Accuracy	± 0,3 % from the measured value + 1,5 °C
Resolution	0.1 °C
DC VOLTAGE	
Measuring range	-60 to +140 mV; -18 to +18 mV
Accuracy	±100 µV; ±20 µV
Resolution	0,1 µV
GENERAL TECHNICAL DATA	
Operating temperature	-10 to +60 °C
Channels	4x external temperature probe
Counted values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
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