

Multilogger - Thermometer with 4 Thermocouple inputs and Ethernet port

code: M1200



Universal datalogger with 4 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. 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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|----------------------------------------|----------------------------------------------------------------------|
| 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 |

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| GENERAL TECHNICAL DATA | |
| Operating temperature | -10 to +60 °C |
| Channels | 4x external temperature probe |
| 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 (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 |