



# Data Logger

Log110-Start

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### Data Logger Log110

**Data Logger for a long temperature and humidity registry / with entrance for external sensor / great capacity of memory / large screen with real time visualization of maximum, minimum and average values / includes software and USB cable**

The Data Logger Log110 is ideal for the registry of the development of temperature in the transport and storage sectors. The Data- Logger is also used for the control of temperature in multiple sectors. For more specific applications we have the Data- Logger Log110 that additionally registers the development of relative humidity. Both Data- Loggers are an economic solution for the supervision of measurements with no need for a complex installation. The Logger has useful functions such as how to detect the dew point through software, and the connection of an external sensor of temperature. The Log110 verifies the temperature in the course of quality control in the industrial manufacture, laboratory and storage sectors. In the food sector, the Data- Logger controls the conditions of food transport according to the HACCP Hazard Analysis Critical Control Point. In case you have any questions on the Data- Logger, please consult the data specifications next or contact us. Our technicians and engineers will advise you on this Data- Logger and any other product of our regulation and control systems, meters or and scales of PCE Instruments.

- Large screen with real time visualization and indication of max., min. and average values
- With entrance for external sensor of temperature
- Indication of the battery status
- Easy-to-use software for Windows
- Visual and acoustic alarm of high and low values
- Memory for 60,000 of values for 3 magnitudes
- Adjustable measurement interval of 1 second up to 24 hours
- Water resistant IP 65 (only for Log100 for temperature)
- Simple substitution of battery
- High precision:  $\pm 0.5$  °C
- It is sent with external humidity sensor or an initial kit that includes software

#### Technical specifications

Model Log110

#### Internal temperature

Measurement range -20 ... +50 °C

Resolution 0.1 °C

Accuracy  $\pm 0.5$  °C / -20 ... +50 °C

$\pm 1$  digit  $\pm 0.7$  °C (in the rest of the range)

#### External temperature

Measurement range -50 ... +125 °C

Resolution 0.1 °C

Accuracy  $\pm 0.5$  °C / 0 ... +40 °C

$\pm 1$  digit  $\pm 1.0$  °C (in the rest of the range)

#### Internal Relative Humidity

Measurement range 0 ... 99 % H.r

Resolution 0,1 % H.r.

Accuracy  $\pm 3$  % H.r.

$\pm 1$  digit

Protection type - - -

Display range -10 ... +70 °CC

Memory approx. 60.000 measurement values

Interface USB

Housing 7 segments LCD

Dimensions 92 x 55 x 21 mm

Weight 95 gg

Power supply 1 x CR2032 3 VV

#### Delivery content

1 x Data Logger for temperature and humidity Log110

1 x battery

1 x user manual

1 x software+ USB cable