



The new temperature data logger PCE-LTD 100 from PCE Instruments for refrigeration temperatures up to minus 80 degrees Celsius

With the new PCE-LTD 100 temperature logger, temperatures from minus 80 °C to 70 °C can be recorded. The accuracy of the recorded measured values is ± 1.0 °C for temperatures below minus 30 °C and ± 0.5 °C for temperatures above minus 30 °C.



Due to the high protection class IP 67, it is no problem if the logger comes into contact with liquids for a short time. The resistance to water jets and immersion for up to 30 minutes allows thorough cleaning of the surfaces and the use of the PCE-LTD 100 even when high hygiene requirements are in place.

On the cover cap for the USB connection, the compact pen-shaped data logger has an opening for attaching fixing options. This allows the data logger to be placed in refrigerated areas without direct contact with the refrigerated goods.

To set the measurement conditions and read out the measurement data, the PCE-LTD 100 is connected to the USB interface of a computer. With the software included in the scope of delivery, not only the start of measurement and measurement interval can be determined but limit values can also be defined, for example. The saved measured values can be displayed in different ways via the software and exported in various file formats.

The most important data of the PCE-LTD 100 are summarised here:

- Measurement range: -80 °C ... 70 °C
- Accuracy: 0.5 °C at -30 °C ... 70 °C
1.0 °C at -80 °C ... -31 °C
- Compact pen shape with suspension eye
- Waterproof with protection class IP 67
- Memory for 17,280 readings
- USB port for data configuration and readout
- File formats for export: PDF, TXT, CSV, XLS, JPG, BMP, CIN
- exchangeable special battery



The compact and robust PCE-LTD 100 is ideally suited for recording temperature curves of temperature-sensitive products. The software simplifies the configuration of the measurement conditions and the evaluation and documentation of the measurement results.

More information can be found here:

https://www.pce-instruments.com/english/measuring-instruments/test-meters/data-logger-data-logging-instrument-kat_40040.htm

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