

Technical Data Logger PCE-CLL 1

4-20 mA USB data logger to measure electricity / with USB interface /
additional battery operation / IP 67 protected / software DGraph incl.

The 4-20 mA USB data logger PCE-CLL 1 facilitates long-term measurements of electricity of 4 to 20 mA. The USB data logger features an integrated USB interface and records up to 32,000 values. The USB data logger PCE-CLL 1 features only one key, which guarantees a simple navigation. Since the USB data logger can be either powered by 3.6 V AA batteries or by charging it with an adapter via a computer, a flexible application range opens up. Thresholds can be set on the USB data logger, and the device features LED warning lights. Thus accurate measuring results can be assured. Even when the batteries are discharged, the saved data does not get lost. Furthermore there is the option to set a password at the USB data logger to protect the data from unauthorized access. The USB data logger PCE-CLL 1 comes with analysis software DGraph, which allows transfer of the measured data straight to a computer via USB. With the software you can then process the data, generate a graph, analyze it further, save or print the data.

- 4-20 mA measurement range
- LED warning lights
- Adjustable threshold
- Password protection
- Simple navigation
- Battery or adapter operation via USB
- Software incl.
- Internal data storage for up to 32,000 values

Technical Specifications of the USB Data Logger

Measurement range	4 ... 20 mA
Accuracy	$\pm 1 \% \pm 1$ digit
Resolution	0.05 mA
LCD	yes
Storage capacity	64 Kbytes (32,000 values)
Sampling rate	between 1/s and every 12 hours adjustable
Computer software	DGraph and USB driver (included in delivery)
Power Source	Battery or USB
Battery life time	Approx. 3 years with sampling rate of 1/min
Enclosure	ABS, TPU, PC
Surrounding Temperature	-35 ... +80 °C
Dimensions	120 x 35 x 30 mm
Weight	approx. 80 g

Delivery Content of the USB Data Logger PCE-CLL 1:

1 x USB Data Logger PCE-CLL 1, 1 x instruction manual, 1 x software, 1 x 3.6 V AA battery