Sound Level Data Logger PCE-SLD 10-ICA Incl. ISO Calibration Certificate



Sound level data logger PCE-SLD 10-ICA incl. ISO calibration certificate Sound level data logger with 4 ... 20-mA output / Memory on SD card / Excel data logger / A & C rating / Large LC display

The sound level data logger PCE-SLD 10 is used for permanent monitoring of the sound level. In addition to storing the measured values, the sound level data logger is able to display the measured values on a display and output them as a 4 ... 20-mA analog value. The sound level data logger has a wide measuring range of 30 ... 130 dB. Frequency weighting is done in A or C depending on the selected measurement mode. Alternatively, the sound level data logger can measure the sound level in fast or slow mode.

The measured values are stored by the sound level data logger as an Excel file on a memory card. This has the advantage that after a measurement, the SD memory card can be easily removed from the sound level data logger and the data can be evaluated without additional software. The PCE-SLD 10 sound level data logger is powered by 6 x 1.5V AAA batteries. For long-term operation, an external plug-in power supply is included in the sound level data logger.

The sound level data logger PCE-SLD 10 is used wherever the noise level has to be permanently monitored and a controller is to carry out further actions. In a production hall, for example, this can be the visualization of the sound level on a large display. Or, in conjunction with switchgear, closing windows and doors when the sound level is exceeded.

- Wide measuring range up to 130 dB
- Analog output with 4 ... 20-mA
- Data interface
- LC display
- SD card memory up to 16 GB

EXCEL storage

- External microphone
- Battery and mains operation
- Incl. ISO calibration certificate

Subject to change



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Specifications

Measuring range 30 ... 130 dB Measurement accuracy Based on class 2 according to IEC61672 Resolution 0.1 dB A & C Frequency Term review Fast: 125 ms Slow: 1 s Frequency range 31.5 Hz ... 8 kHz 30 ... 130 dB (car) Measuring range selection 30 ... 80 dB 50 ... 100 dB 80 ... 130 dB Measurement functions Hold by pressing a button Peak Hold Max-Min Analog output 4 ... 20-mA

Note: The scaling of the analog output depends on the selected measuring range.

Adjustment	Via optional calibrator in an internal menu
Data storage	SD card max 16 GB
Storage rate	5 s, 10 s, 30 s, 60 s, 120 s, 300 s, 600 s, 1800 s, 3600 s
Memory error	<0.1% of the total stored data
Refresh rate from the	About 1 s
display	
Interface	Serial, for live visualization on computers
	(Data cable SOFT-LUT-USB sold separately)
Power supply	6 x 1.5V AAA batteries
	9V / 1 A power adapter
Automatic shutdown	After 10 minutes without operation
	Disabled when in power supply mode
Operating conditions	0 50°C / 32 122°F, max. 85 rf
Weight	About 230 g / < 1 lb
Dimensions	Device: 132 x 90 x 32 mm / 5.2 x 3.5 x 1.3 in

More information



Microphone: 12.5 x 32 mm

Cable length: approx. 120 cm

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