

Decibel Meter PCE-SLT



PCE-SLT is a class II (type 2) sound level, sound pressure level (SPL), decibel (dB) or noise meter with audible or visual alarm output capability. PCE-SLT is used for long-term, continuous monitoring of occupational noise exposure limits in industrial environments such as foundries, factories and manufacturing production floors. The measuring device consists of a wall-mountable acoustic sensor on a 1.5 m / 4.92' long cable and a transmitter.

*****Includes digital indicator with IP 65 rating*****

- ▶ Measuring range: 30 ... 130 dB in 3 ranges
- ▶ Resolution: 0.1 dB
- ▶ Accuracy: ± 1.5 dB
- ▶ IP 54 ingress protection rating on transmitter offers limited protection against dust ingress (no harmful deposit) and protection against splashed water from any direction
- ▶ IP 65 ingress protection rating on digital indicator offers total protection against dust ingress and protection against low-pressure water jets from any direction. Limited ingress permitted.

Specifications

Measuringrange	30 ... 130 dB in 3 ranges: I. 30 ... 80 dB(A) II. 50 ... 100 dB(A) III. 80 ... 130 dB(A)
Resolution	0.1 dB
Accuracy	±1.5 dB
Frequency weighting	A
Power supply	Via transmitter
Cable length (sensor to transmitter)	1.5 m / 4.92'
Operating conditions	0 ... 50°C / 32 ... 122°F, max. 85% RH
Microphone	1/2" precision electret
Standard	IEC 61 672 (Class II)

Transmitter

Housing	ABS plastic
Power supply	90 ... 260 AC V
Calibration	Adjustableby set screw
Output	4 ... 20-mA
Protection class	IP 54 ingress protection rating
Operating conditions	0 ... 50°C / 32 ... 122°F, max. 85 % RH

Digitalindicator

Transmitterinput signal	4 – 20-mA
Indicator	- 1999 ... 9999 (1 ... 3 decimals, according to themeasurement value / chosen by theuser)
Programmingdata (decimals, limit value ..)	Saved in theunit
Regulationoutput	3 points (Com, NO, NC)
Alarm output	Relay output:5 A / 240V AC
Power	90 ... 260 AC V / 50 ... 60 Hz
Dimensions / Switchboard according toDIN	92 (+ 0.8) mm x 45 (+ 0.5) mm
Weight	Approx. 250 g / 0.56 lb
Operating conditions	0 ...50°C / 32 ... 122°F, max. 85% RH
Protection class	IP 65 ingress protection rating

More information

Manual



Manual



More product info



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