

NOISE METER / SOUND METER

PCE-SLT



- » **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.**

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.

Specification

Sound level	
Measuring range	30 ... 80 dB
Resolution	0,1 dB
Accuracy	±1.5 dB
Sound level	
Measuring range	50 ... 100 dB
Resolution	0,1 dB
Accuracy	±1.5 dB
Sound level	
Measuring range	80 ... 130 dB
Resolution	0,1 dB
Accuracy	±1.5 dB

General technical data	
Outputs	4 ... 20 mA
Cable length	1,5 m
Connections	1/2 inch microphone
Frequency weighting	A
Microphone type	Electret capacitor
Standard(s)	IEC 942 (Class 1)
Housing	ABS (acrylonitrile-butadiene-styrene copolymers)
Calibration	adjustable via a grub screw
Dimensions	Transmitter: L 125 x W 93 x H 50 mm Sensor: L 170 x W 26 x H 26 mm
Weights	Transmitter: 314 g Sensor: 143 g
Display range	-1999 ... 9999
Protection class (device)	IP54, IP65
Power supply	Transmitter: 90 ... 260V AC (max. 1.5 A) Digital display: 90 ... 260V AC / 50 ... 60 Hz
Operating conditions	-10 ... 50 °C , 20 ... 90 % RH
Storage conditions	-40 ... 65 °C , 20 ... 90 % RH
Dimensions (L x W x H)	105 x 96 x 48 mm
Weight	260 g