SOUND LEVEL METER

PCE-SLT-TRM-ICA



- **Measuring range: 30 ... 130 dB in 3 ranges**
- **Resolution: 0.1 dB**
- **Accuracy: ± 1.5 dB**
- **IP 54**
- **incl. ISO-Calibration Certificate**

The sound level meter is a class II (type 2) sound level, sound pressure level (SPL), decibel (dB) or noise meter with audible or visual alarm output capability. The sound level meter is used for long-term, continuous monitoring of occupational noise exposure limits in industrial environments such as foundries, factories and manufacturing production floors. The sound level meter consists of a wall-mountable acoustic sensor on a 1.5 m / 4.92' long cable and a transmitter. The IP 54 ingress protection rating on transmitter of the sound level meter offers limited protection against dust ingress (no harmful deposit) and protection against splashed water from any direction.

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 61672-1 (Class II)
Housing	ABS (acrylonitrile-butadiene-styrene copolymers)
Calibration	adjustable via a grub screw
Dimensions	Sensor: L 170 x W 26 x H 26 mm
Weights	Sensor: 143 g
Protection class (device)	IP54, IP60
Power supply	Transmitter: 90 ... 260V AC (max. 1.5 A) Digital display: 90 ... 260V AC / 50 ... 60 Hz
Operating conditions	0 ... 50 °C , 0 ... 85 % RH
Storage conditions	0 ... 50 °C , 0 ... 85 % RH
Dimensions (L x W x H)	125 x 97 x 50 mm
Weight	315 g