SOUND TRANSMITTER

PCE-SLT-TRM



- **Measuring range: 3 ... 13 dB in 3 ranges**
- **Resolution: .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**

This is a class II (type 2) sound level, sound pressure level (SPL), decibel (dB) or noise meter with audible or visual alarm output capability. This 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	±1.5dB
Sound level	
Measuring range	50 ... 100 dB
Resolution	0,1 dB
Accuracy	±1.5dB
Sound level	
Measuring range	80 ... 130 dB
Resolution	0,1 dB
Accuracy	±1.5dB

General technical data	
Outputs	4 ... 20mA
cable length	1,5 m
Connections	1/2 inch microphone
Frequency weighting	A
Microphone type	Electret capacitor
Norm(en)	IEC 61672-1 (Class II)
Housing	ABS
Calibration	adjustable via a set screw
Dimensions	Sensor: L 170 x W 26 x H 26 mm / 6.7 x W 1.0 x H 1.0 in
Weights	Sensor: 143 g / 5.0 oz
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