

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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