# SOUND TRANSMITTER

## PCE-SLT-TRM-24V




- **1 x Decibel Meter PCE-SLT-TRM-24V-ICA**
- **1 x Sound sensor on 1.5 m cable**
- **1 x Sound transmitter**
- **1 x Sensor bracket for screwing on**
- **1 x Operating instructions**

The Decibel Meter consists of a measuring microphone with a handle and a wall bracket on a 1.5 m cable, a sound transmitter. The main area of ⍰⍰application of this Decibel Meter is in the continuous sound measurement and sound monitoring of factory halls, production rooms and at large events (discotheques, folk festivals, cart tracks ...).

The analog output signal can also be used to control window flaps ... or the signals from the transmitter can be saved, evaluated and documented on a logger. The Decibel Meter is very easy to connect and can be operated via 24 V DC.

## 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 | 24 V DC |
| 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 |