

NoiseSensor LITE with 4-20mA Current Loop Output



Features

- Type 2 Noise Measurement
- 4-20mA Current Loop Output
- Intrinsically Safe
- Easy installation (no controls or settings)
- Measures 'A' weighted sound level - dB(A)

Applications

- Integrate with control system (e.g. SCADA, DCS)
- Indoor or outdoor installation
- Hazardous and potentially explosive atmospheres
- Boundary, construction or industrial noise

Overview

The MK440 NoiseSensorLITE is a trimmed down version of the MK427 NoiseSensor noise monitor. Meeting the sound level meter standards to Type 2, it is intended for monitoring around industrial and construction sites, although there are many other noise monitoring applications for which it fits the bill.

The NoiseSensorLITE converts the 'A' weighted sound level into a 4-20mA current loop output, which is ideal for linking to existing process control and monitoring systems, such as SCADA or DCS.

As the microphone and noise processing technology is all contained within the MK440 the installation process is simple. There is no configuration needed, just electrical connections for power and for the current loop output.



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Specifications

Technical specifications for the MK440 NoiseSensorLITE noise monitor with 4-20mA current loop output.

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|----------------------|---|
| Output Type | Sound level in 4-20mA loop |
| Frequency Weighting | 'A' (factory option for 'C' or 'Z' weighting) |
| Time Weighting | Fast (factory option for Slow response) |
| Measurement Range | 34 to 104 dB (factory options: from 24-90 dB to 74-144 dB) |
| Current Loop Out | I _{out} = 0.1 mA/dB |
| Weight | 1.8 kg |
| Power Supply Current | 12 to 24 VDC 70 mA |
| Cable Entry | 1/2" NPT or M20 Gland |
| Cable Length | 10m supplied |
| Operating Temp. | -10°C to +50°C |
| Protection | Enclosure: IP65, Microphone: IP54 |

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Web Sites

Main site:
<https://www.noisemeters.com>

Product shortcut:
<https://www.noisemeters.com/p/mk440/>

Tech Support:
<https://support.noisemeters.com>