

NoiseSensor LITE with 4-20mA Current Loop Output



Features

- Class 2 Noise Measurement
- 4-20mA Current Loop Output
- Hazardous environments
- 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 Class 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.

Output Type	Sound level in 4-20mA loop
Frequency	'A' (factory option for 'C' or 'Z'
Weighting	weighting)
Time	Fast (factory option for Slow
Weighting	response)
Measurement	34 to 104 dB
Range	(factory options: 24-94 dB, 44-114 dB, 54-124 dB, 64-134 dB)
Current Loop	I _{out} = 0.1 mA/dB
Out	
Weight	1.8 kg
Power Supply	12 to 24 VDC
Current	70 mA
Cable Entry	1/2" NPT or M20 Gland
Operating	-10°C to +50°C
Temp.	
Protection	Enclosure: IP65, Microphone: IP54

Head Office

NoiseMeters Ltd
7 Jayes Park
Ockley
Surrey
RH5 5RR

Telephone **+44 130 677 0855**
Fax **+44 845 680 0316**

Email: **info@noisemeters.ie**
Support: **support@noisemeters.ie**

Web Sites

Main site:
<https://noisemeters.ie>

Product shortcut:
<https://noisemeters.ie/p/mk440/>

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