**Environmental noise monitors**

**MK427 noise sensor**

***Description:***

The MK:427 Noise Sensor is a outdoor noise measurement instrument that has been specifically designed for integration with other data logging and monitoring systems.
Unlike a conventional Sound Level Meter, the MK:427 Noise Sensor converts the noise level in decibels into an industry standard 4-20mA output which can be connected to standard DCS/SCADA based systems to add a noise measurement capability.
The analogue electronics are highly reliable and operate without any user intervention. No specialist acoustic knowledge is required – simply power-up the Noise Sensor and the measured noise level is continuously fed to the output.
The industry standard 4-20mA output allows very long cable lengths to be used without reducing the accuracy of noise levels, making the MK:427 Noise Sensor ideal for systems integration.

**Specification:**

* Robust, fully weather protected Class 1 outdoor microphone
* Straight forward integration with Industry standard 4-20mA current loop systems
* Eliminates the need for third party software
* 30 to 100dB(A) standard range ideal for most applications (other options available)
* Proven long term reliability in harsh outdoor environments
* Verification through regular scheduling for remote calibration using integrated electrostatic actuation system
* Outdoor Windshield and bird spikes to protect the microphone
* Entire length of the MK:427 Noise Sensor is 1m
* Simple mounting and installation for quick deployment