PRODUCT DATASHEET
Supplier-provided technical data

Noise Sensor



Supplier: NiuBoL
Manufacturer model: NBL-W-NS
Archive SKU: NBL-W-NS
Price, availability, delivery and warranty: confirmed by quotation.

Noise Sensor supplied by NiuBoL. Select the required configuration and request a quotation for price and availability.

Select the required configuration for your intended monitoring task. Supplier-stated ranges and performance figures are reproduced below. Source differences require confirmation of the supplied version; no retail price, stock, warranty duration or delivery commitment is inferred.

Configuration and measurement limitations

• IEC 61672 Type 2 wording is a supplier-stated frequency-weighting claim. No independent instrument-class test certificate is included in the supplied files.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 11.

Weather Stations and Agriculture Sensors Catalog-NiuBoL.pdf — PDF page(s) 21.

Supplier technical description

Technical specifications and configuration — supplier wording

Range: 30~130dB.
Output: RS485
Accuracy: (23±5°C):
Frequency weighting in accordance with IEC
61672 type 2, calibrated with an input signal of
94dB (31.5Hz - 8kHz).
Frequency range: 31.5Hz to 8kHz.
Time response: T = 200ms.
The time response simulates the time response
of the human ear.
Microphone: Condenser microphone.
Microphone size: 0.5 inches.
Power: DC 12V
Package: ABS plastic
Operating temperature: -15-50°C (5-122°F).
Operating humidity: <80% relative humidity.

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Parameter	Supplier-stated value / source wording
Supplier statement	Noise sensor
Measuring range	30~130dB.
Frequency range	31.5Hz to 8kHz.
Microphone:	Condenser microphone.
Output	RS485
Microphone size	0.5 inches.
Power supply	□DC12-24V
Working temperature	-15-50°C
Supplier statement	Working humidity <80%