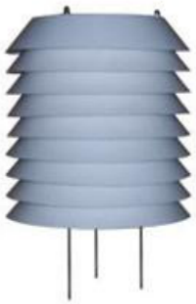
PRODUCT DATASHEET
Supplier-provided technical data

CO2 Sensor



Supplier: NiuBoL
Manufacturer model: NBL-W-CO2
Archive SKU: NBL-W-CO2
Price, availability, delivery and warranty: confirmed by quotation.

CO2 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

• Accuracy differs by source: catalogue ±(50 ppm + 3% FS), quotation ±(40 ppm + 2% FS). Confirm the supplied sensing/transmitter version.

• Operating-temperature claims conflict: catalogue -10 to 50 °C versus quotation -40 to 70 °C.

• Power-consumption claims conflict: catalogue 0.2 W versus quotation 4.8 mW. Do not size the power supply or battery using an assumed corrected value.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 10.

Weather Stations and Agriculture Sensors Catalog-NiuBoL.pdf — PDF page(s) 17.

Supplier-stated technical data — quotation

Parameter	Supplier-stated value / source wording
Range	0~2000ppm or 0~5000ppm
Accuracy	±(40ppm+2%F•S)
Resolution	1ppm
Power	DC12V/DC 24V
Output	4~20mA/RS485
Instrument cable length	2.5 meters
Working temperature	-40 ~70 °C °C
Relative humidity	0~100%
Product weight	140g
Product power consumption	4.8mW

Catalogue page 17 — technical data

Parameter	Supplier-stated value / source wording
Range	0~5000ppm or 0~2000ppm
Accuracy	±(50ppm+3%F•S)
Resolution	1ppm
Power supply mode	□DC 12V □DC 24V □Other
Output form	□Current: 4~20mA □Rs485 □Other
Lnstrument cable length	□Standard: 2.5 meters □Other
Current type	Rl≤250Ω
Relative humidity	0~100%
Working temperature	-10~50°C
Product weight	140g
Product power consumption	0.2W

Catalogue page 17 — selection / wiring table

Parameter	Supplier-stated value / source wording
Number	Pow | er supply Mode | Output Sign | al | Description
NBL-W-CO2	Carbon dioxide sensor (transmitter)
12V-24V	12V-24V power supply
NBL-W-CO2 — A1	4-20mA
NBL-W-CO2 — W2-	Rs485
Supplier statement	Example: W-CO2-12V-A1: Carbon dioxide sensor (transmitter) 12V power supply, 4-20mA current signal output