PRODUCT DATASHEET
Supplier-provided technical data

Ultrasonic Snow Depth Sensor



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

Ultrasonic Snow Depth 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

• The catalogue feature text claims IP66 while the quotation states IP65; confirm the supplied enclosure rating.

• The catalogue table literally prints the range as 01000mm, an ambiguous notation. The quotation explicitly states 0-1000 mm; the malformed catalogue notation has not been silently corrected.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 12.

Weather Stations and Agriculture Sensors Catalog-NiuBoL.pdf — PDF page(s) 22.

Supplier technical description

Technical specifications and configuration — supplier wording

Ultrasonic Snow Depth Sensor
Power:City electricity
Voltage:DC 12V
Output:RS485
Power consumption
Normal temperature:180mW
Low temperature (<5°C) turn on heating:3W
Baud rate:9600bps
Working environment -40—50°C;≤100%RH
Storage environment -40—65°C;≤100%RH
Measuring range:0—1000mm
Measurement precision:±0.1%FS
length of cable: 5 meters
IP rate: IP65

Catalogue page 22 — technical data

Parameter	Supplier-stated value / source wording
Power	City electricity
Power	DC 12V
Communication	Rs485
Power consumption	Normal temperature:180mW
Supplier statement	Low temperature (<5°C) turn on heating:3W
Baud rate	9600bps
Working environment	-40—50°C;≤100%RH
Storage environment	-40—65≤ 100%RH
Measuring range	01000mm
Measurement precision	±0.1%FS
Length of cable	Standard 5 meters

Catalogue page 22 — selection / wiring table

Parameter	Supplier-stated value / source wording
Number	Pow | er supply Mode | Output Sign | al | Description
NBL-W-SNOW	Snow Depth Sensor
12V-24V	12V power supply
NBL-W-SNOW — W2-	Rs485
Supplier statement	Example:W-SNOW-12V-A1: Snow Depth Sensor 12V power supply