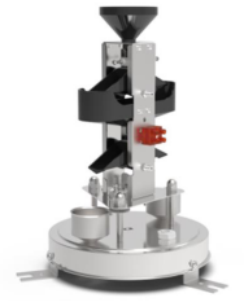
PRODUCT DATASHEET
Supplier-provided technical data

Double Tipping Bucket Rain Gauge



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

Double Tipping Bucket Rain Gauge 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.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 4.

Weather Stations and Agriculture Sensors Catalog-NiuBoL.pdf — PDF page(s) 9.

Supplier-stated technical data — quotation

Parameter	Supplier-stated value / source wording
Bearing water caliber	Φ200 ± 0.6mm
Measuring range	0-4mm/min (precipitation intensity)
Resolution	0.1mm (3.14ml)
Accuracy	± 4% (indoor static test, rain intensity of 2mm/min)
Power supply	DC 5V/ DC 12V-24V
Output	Switch signal: reed switch on/off/RS485
Instrument cable length	5 meters
Operating Temperature	0~60°C
Storage temperature	-40 ~80 °C °C

Catalogue page 9 — technical data

Parameter	Supplier-stated value / source wording
Water bearing diameter	Φ200 ± 0.6mm, outer edge angle 45 degrees
Measuring range	≤4mm/min (precipitation intensity)
Resolution	0.1mm (3.14ml)
Accuracy	±4% (indoor static test, rain intensity is 2mm/min)
Output signals	Switching signal: reed switch on/off □ RS485 □ 0~2.5V □ 0~5V
Operating temperature	0~60°C
Storage temperature	-40°C~80°C
Product weight	Bucket weight 2000 g, total weight 3500 g
Power supply method	□DC5V □DC12-24V

Catalogue page 9 — selection / wiring table

Parameter	Supplier-stated value / source wording
Model	P | ower supply | output met | hod | Description
NBL-W-DRS	Rain sensor (transmitter)
Supplier statement	12V-24V
NBL-W-DRS — S	Switching signal output
NBL-W-DRS — V1	0-2.5V
NBL-W-DRS — V2	0-5V
NBL-W-DRS — RS	Rs485
NBL-W-DRS — X	Others
Supplier statement	For example: NBL-W-DRS-12V-S: Rain sensor 12V power supply, switch signal output