NIUBOL / SUPPLIER PRODUCT

NBL-W-DS

Wind Direction Sensor



Manufacturer-supplied product imagery. Configuration and accessories may vary.

Product overview

Wind-direction sensor for weather and farm-site monitoring. The supplied sheet lists 0-360° coverage, 1° resolution and IP45; confirm the chosen output and power configuration. Offered through Adaptive AgroTech.

Selection and commercial terms

Confirm the selected configuration, compatibility, included items, price, availability, delivery and warranty terms in your quotation. Specify required power, output and installation configuration when requesting supply.

Document basis

Compiled by Adaptive AgroTech on 2 November 2026 from the selected supplier technical material and the official sources identified below. This compilation date is not a manufacturer release date. Source-specific conditions and measurement limitations remain applicable.

Technical specifications

Current technical specifications

Measuring range: 0 to 360°.
Resolution: 1°.
Accuracy: ±3°.
Starting wind speed: ≤0.5m/s.
Power:DC5V/12-24V;
Output: 4~20mA/RS485/0-5V;
Instrument cable length: 2.5 meters;
Working environment: -40°C~80°C/≤100%RH
Product weight: 210g;
Power consumption: 0.15W;
Protection level: IP45;

Configuration notes and measurement limits

1. The refreshed sheet states IP45 and -40 to 80 °C. Earlier supplier sources give different enclosure/temperature claims; confirm the supplied version.

Source references

[1] Supplied model-specific technical source
https://drive.google.com/file/d/1H6e1jIWsMQO_6kR0me_tCrkZu0_LJ7IC/view?usp=drivesdk

[2] Adaptive AgroTech product listing
https://adaptiveagrotech.com/products/niubol-nbl-w-ds