Integrated wind speed direction sensor



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

Integrated wind speed direction 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.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 2.

Supplier technical description

Technical specifications and configuration — supplier wording

Wind speed sensor:
Measuring range: 0~45m/s, 0~70m/s optional
Accuracy: ±(0.3+0.03V)m/s (V: wind speed)
Discrimination rate:0.1m/s
Start wind speed: 0.8m/s
Wind direction sensor:
Measuring range: 0 to 360°
Resolution: 1°
Accuracy: ±3°
Start wind speed: 0.5m/s
Power supply: DC12V-24V
Signal output: 4-20 mA or RS-485
Material: metal shell, engineering carbon fibre airfoil and tailpiece, good strength, higher sensitivity
Working environment: Temperature -40 ~ °C
50 Humidity 100%RH
°C
Protection class: IP45