PRODUCT DATASHEET
Supplier-provided technical data

Soiling Sensor



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

Soiling 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) 18.

Supplier technical description

Technical specifications and configuration — supplier wording

Power Supply Voltage: DC 12V
Signal Output: RS485
Communication Protocol: Standard MODBUS
Protocol
Average Power Consumption: 1W
Pollution Ratio: Dual sensor value 50~100%
Pollution Measurement Accuracy:
±1% (Measurement range 90~100%)
±3% (Measurement range 80~90%)
±5% (Measurement range 50~80%)
Temperature Measurement (Optional): -50
°C
to +100
°C
Temperature Measurement Accuracy: ±0.5
°C
@ 25
°C
Temperature module (optional)