PRODUCT DATASHEET
Supplier-provided technical data

Laser Snow Depth Sensor



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

Laser 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.

Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 13.

Supplier technical description

Technical specifications and configuration — supplier wording

Power Supply: DC 10-30V
Maximum Power Consumption: 0.8W (3.5W during heating)
Operating Temperature: -40°C to +50°C, 0%RH to 95%RH (non-condensing)
Resolution: 1mm
Accuracy: ±1mm
Measuring Range: 0.05 to 2.5m
Output Signal: RS485 (Modbus protocol)
Laser Type: 635nm, <1mW
Laser Class: Class II
Single Measurement Time: 0.05 to 1S
Spot Size: Point Spot 5mm @ 10m
Line Spot: 3mm x 150mm @ 10m