PRODUCT DATASHEET
Supplier-provided technical data

# 8-in-1 Soil Integration Sensor



Supplier: NiuBoL
Manufacturer model: NBL-S-TMC-8
Archive SKU: NBL-S-TMC-8
Price, availability, delivery and warranty: confirmed by quotation.

8-in-1 Soil Integration 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.

## Configuration and measurement limitations

• N/P/K values are calculated from soil electrical conductivity; they are estimates and are not direct measurements of actual soil nutrient concentrations.

• N/P/K outputs are conductivity-derived estimates, not direct measurements of actual soil nutrient concentrations.

## Source documents

2026 Product Quotations from NiuBoL-Michelle.pdf — PDF page(s) 20.

## Supplier-stated technical data — quotation

| Parameter | Supplier-stated value / source wording |
|---|---|
| **Supply Voltage** | DC 5-24V |
| **Output** | RS485 |
| **Temperature range** | -40-80 °C |
| **Temperature accuracy** | ±0.5 °C |
| **Moisture range** | 0%-100% |
| **Moisture accuracy** | ±5% |
| **Conductivity range** | 0-10000us/cm |
| **Conductivity Accuracy** | ±10% |
| **NPK range** | 0-2000mg/Kg |
| **Accuracy of NPK** | ±2% |
| **PH range** | 3-10pH |
| **PH precision** | ±0.6pH |
| **Salt range** | 0-5500mg/L |
| **Salt precision** | ±10% |
| **Protection class** | IP68 |
| **Remark** | Soil NPK sensor actually measures the electrical conductivity of the soil. |