NIUBOL / SUPPLIER PRODUCT

NBL-S-TM

Soil Temperature and Moisture Sensor



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

Product overview

A soil temperature and moisture probe with RS485 output for monitoring installations. 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

Temperature measuring range	-40 to 80 °C
Temperature resolution	0.1 °C
Temperature accuracy	±0.5 °C
Moisture measuring range (source units)	0-100% RH, as printed
Moisture resolution (source units)	0.1% RH
Moisture accuracy	±5%
Power supply alternatives	DC 5-24 V or DC 12-24 V; confirm supplied version
Output	RS485
Protection class (supplier statement)	IP68

Configuration notes and measurement limits

1. The supplier writes soil-moisture units as %RH. The moisture basis and calibration must be confirmed; these values have not been converted into volumetric water content.

Source references

[1] Supplied model-specific technical source
https://drive.google.com/file/d/1A6LtO5Iy-MZIdnQ-Fh2AxOfAUzbwZh8H/view?usp=drivesdk

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