NIUBOL / SUPPLIER PRODUCT

NBL-S-PH

Soil PH Sensor



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

Product overview

A soil pH sensor with supplier-listed analog or RS485 output options. The stated response-time test is in water. 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

pH measuring range	0-14 pH
pH accuracy	±0.1 pH
pH resolution	0.01 pH
Response time in water	Less than 10 seconds
Power supply	DC 12-24 V
Output options	4-20 mA / RS485
Instrument cable length	5 m
Working environment	0-80 °C; 0-95% RH
Transmitter dimensions	98 × 66 × 49 mm
Protection class (supplier statement)	IP68

Configuration notes and measurement limits

1. Confirm the supplied cable length: the current supplier text/quotation state 5 m, while an older catalogue states 10 m.

2. The IP68 statement does not identify whether it applies to the probe, transmitter or complete assembly; confirm the rating scope before submerged use.

3. The stated response time was tested in water and is not a verified soil response time.

Source references

[1] Supplied model-specific technical source
https://drive.google.com/file/d/1a2RDCvgmdJY5_XZyBVYlnV6zqPulcpXB/view?usp=drivesdk

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