

INSTRUMENTO DE MONITOREO DE PH EN LÍNEA DEL SENSOR DE PH DEL SUELO BELL-INSTMONI-PH



SKU: B-01-62-0100-0028 | **Categorías:** [Automatización y Mecatrónica](#) |

DESCRIPCIÓN DEL PRODUCTO

Products Description

The online soil pH sensor solves the shortcomings of traditional soil pH measurement that requires professional display instruments, cumbersome calibration, difficult integration, high power consumption, expensive, and difficult to carry. It is an intelligent upgrade product for industrial pH meters. It can continuously measure and control the pH value of soil and sewage. This device is suitable for urban sewage treatment plants, chemical industry, printing and dyeing, papermaking, pharmacy, electroplating, environmental protection and other fields.

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Online Soil pH Sensor



Water Tank (cylindrical)



Water Tank (square)

Specification

Technical Parameters	
Measuring Range	0 ~ 14pH
Accuracy	$\pm 0.02\text{pH}$
Resolution	0.01pH

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1

Use three-point calibration
to get more accurate data.

Axial capacitor filtering is
used inside the sensor.
100M resistance increases
impedance and enhances
stability.



2

BULB

Special thickened bulb
New upgrade style
More precise More beautiful

3 Water Tank (square)

Power Isolation
Protection Level 3000V
Advantage: Can measure
both shallow soil and deep
soil.



4 Water Tank (cylindrical)

The electrode adopts
high-quality low-noise cable to
make the signal output length
more than 20 meters.
Advantage: Suitable for
measuring deeper soil.



ADVANTAGES of PH SENSOR

Advantage One

Capacitor filtering internally;
100M resistance increases impedance
and enhances stability

Advantage Two

Power Insulation Protection Level 3000

Advantage Three

Wide Input Voltage 7~24V/5V/3.3V

Advantage Four

Insulation RS485 Insulation 4-20mA
Insulation 0-2V/0-5V/0-10V

Advantage Five

The electrode adopts high-quality
low-noise cable to make the signal
output length more than 20 meters.

Advantage Six

600V Lightning Protection Standard
(Modbus-RTU) Protocol

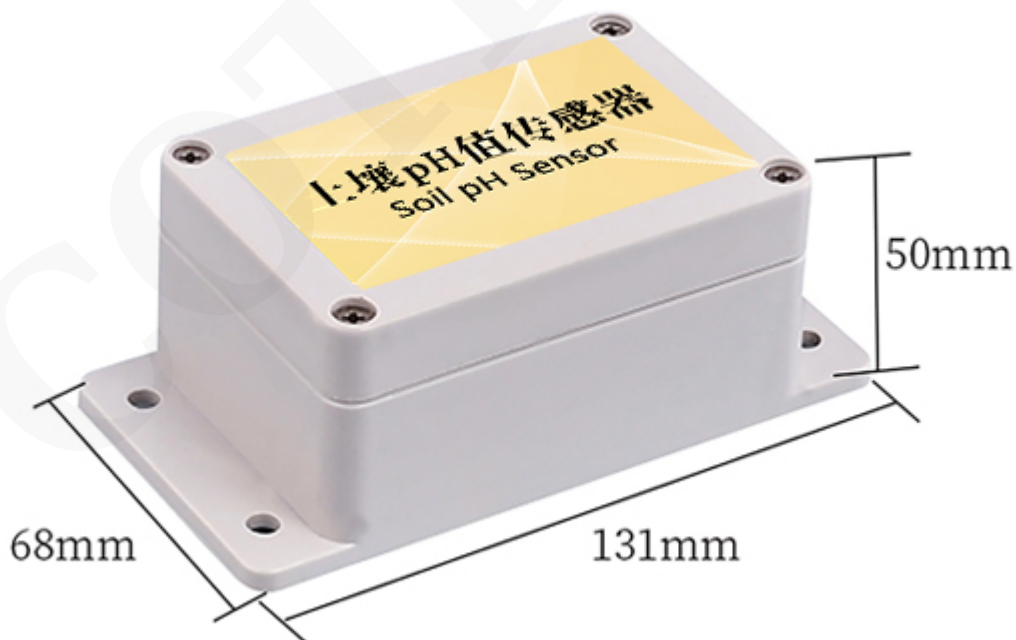
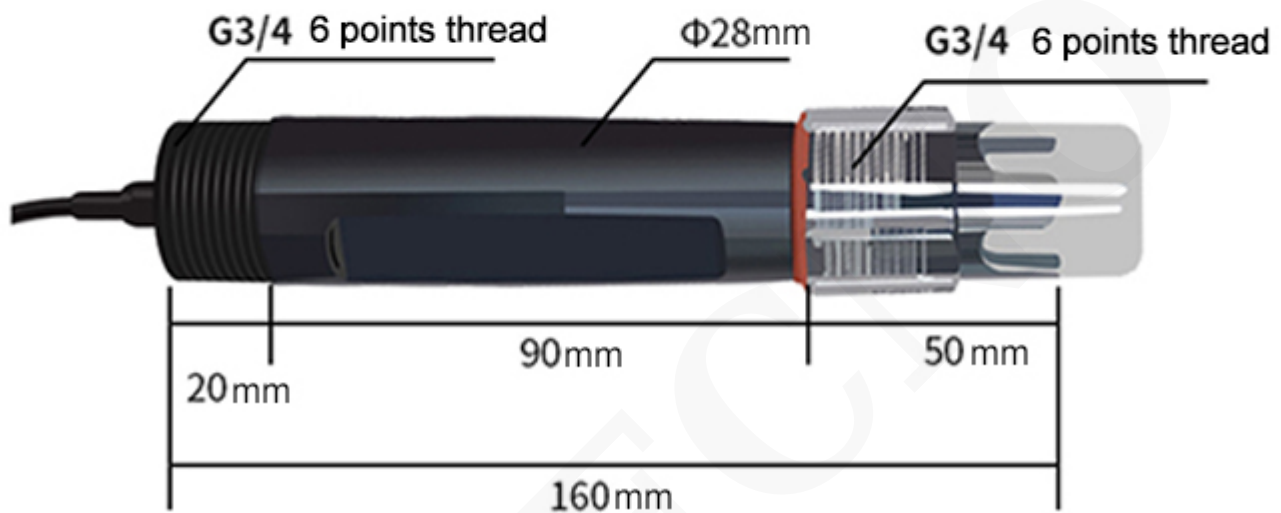
Advantage Seven

Three shapes of integrated, split and
split BNC connectors.

Advantage Eight

Three-point Calibration
More Accurate Data

600V Lightning Protection Standard (Modbus-RTU) Protocol



Product features

1. Axial capacitor filtering is used inside the sensor, 100M resistance increases impedance and enhances stability.
2. Small size, low power consumption, easy to carry.
3. Realize low cost, low price and high performance.
4. High integration, long life, convenience, and high reliability.
5. Isolate up to four places, can resist the complex interference situation on site, waterproof grade IP68.
6. Two appearances of waterproof connector and BNC connector, suitable for various installation environments.

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INFORMACIÓN ADICIONAL

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