

WSPH4001 is a pH sensor widely used for all kinds of pure water and high purity water bodies.

The pH sensor detects the concentration of H⁺ ions present in the water body and converts this electrochemical current into a voltage. This is then converted to pH readings via a pH meter

Applications

Continuous monitoring of pH values in

- pure water
- high-purity water
- thermal power plants (with flow cell)

Features

- It adopts the world-class solid dielectric and a large area of PTFE liquid for junction, difficult to block and easy to maintain
- Long-distance reference diffusion channel greatly extends the service life of electrodes in the environment.
- There is no need for refilling of electrolyte, therefore maintenance is low.
- High accuracy, fast response and good repeatability

Technical Specification

Specification	
Measuring range	0~14.00 pH
Temperature	0~60 °C
Pressure	0~2 Bar
Accuracy	≤0.02 pH
Material	PPS/PC/PTFE
Installation	Rotary locking and Upper ¾ NPT
Slope	≥96%
Response time	≤10sec
Zero point	pH 7 ± 0.3
Drift	≤0.03 pH/24 hr (no accumulation)
Cable Length	5 meters (can be modified)
Internal resistance	≤50MΩ (25 °C)

Note:

Rotary locking type and tail 3/4 thread (Rotate the electrode for 1/4 circle to insert it into or take it out of the process.)

