Water ph Sensor

Description

A pH sensor is an analytical instrument designed to measure the hydrogen ion (H^+) concentration of a medium and convert the measurement into a standardized electrical output signal suitable for monitoring and control systems. The sensor typically consists of a chemical sensing element and a signal conditioning and transmission module.

pH sensors are widely used in water quality monitoring and process control applications, including potable water treatment, wastewater treatment, aquaculture systems, surface water monitoring, environmental engineering projects, cooling tower circulating water systems, food and beverage processing, and industrial effluent discharge monitoring.

Together with ChinoINT wireless technologies and analytic platform, this becomes the Smart Soluiton that boost the efficiency and sustainability.

Device Specifications

Dimension	168mm x Φ31mm
Sensing Range	0 - 14 pH
Resoluiton	± 0.01 pH
Accuracy	± 0.1 pH
Temperature Compensation Range	-25 to 130 ℃
pH Compensation Range	Automatic
Working Humidity	Less than 90%
Sensor head IP Rating	IP68

Ordering Information

Part Number	Frequency
AERMHWPHL923	LoRaWan AS923
AERMHWPHEX4G	4G
AERMHWPHEXWF	Wifi

Warning

Assumes no liability for any damage resulting from the use of this product. CHINOTECH INTERNATIONAL LIMITED reserves the right to change this data sheet at any time without notice. The information furnished by ChinoINT is believed to be accurate and reliable. However, no responsibility is assumed by ChinoINT for its use, not for any infringements of patents or other rights of third parties resulting from its use.

Product Warranty and Customer Support

ChinoINT warrants all products free from defects in material and workmanship for a period of one year from the date of shipping. During the warranty period, we will, at our position, either repair or replace any product that proves to be defective. To report any defect, please inquiry sales@chinoint.com

Unauthorized opening and improper repairs on the device may result in substantial damage to equipment or endanger the user. The product described in this documentation may be operated only by personnel qualified. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products.   Always disconnect the power plug before you open the device.

Please have the model, serial number and a detailed problem description available when you call. If the problem concerns a particular reading, please have all meter readings available.

This warranty does not apply to defects resulting from unauthorized modification, misuse. If you install or exchange system expansion and damage your device, the warranty becomes void.

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We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.