



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-pH(Digital) **pH Sensor**

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VizSens-PH(D)

pH Sensor

This is a digital pH sensor with an RS485 communication interface and the standard Modbus protocol. Stainless steel corrosion resistant shell, IP68 protection grade, built-in PT1000 thermistor and compensation algorithm, with high precision, long life, small drift and other advantages, suitable for all kinds of harsh working environment.



Product Features

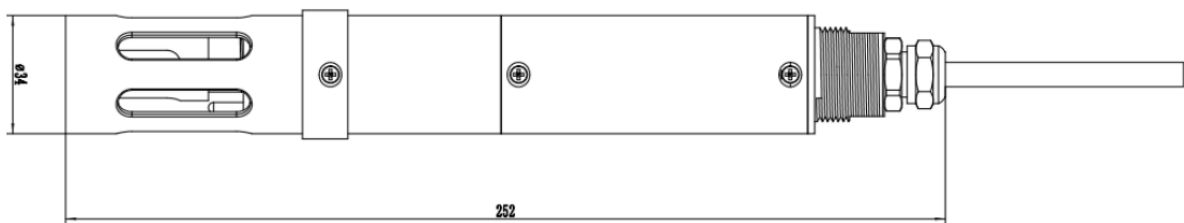
- Power supply and output isolation design ensures electrical safety.
- Built-in protection circuit for power supply and communication chip, offering strong anti-interference ability.
- Comprehensive protection circuit design for reliable operation without additional equipment.
- Circuit part designed within the electrode for easy installation and operation.
- RS-485 transmission interface, MODBUS-RTU communication protocol, enabling two-way communication and remote command reception.



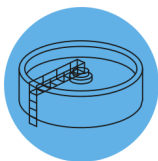
VizSens-PH(D)

Technical Specifications

Basic Specifications	
Main Material	Shell: 316L stainless steel + Polyoxymethylene; Cable: Polyurethane; Electrode: Glass core
Measurement Range	0-14 pH
Resolution	0.01 pH
Precision	±0.1 pH
Repeatability	±0.1 pH
Temperature Range	-15 to 110°C
Temperature Resolution	0.1°C
Temperature Accuracy	0.5°C
Pressure Range	0-0.1Mpa
Operating Temperature	0~60°C
Power Supply	9-36 VDC
Dimension	Diameter 34mm * Length 252mm
Water Protective Rate	IP68 (Protective casing)
Cable Length	Standard: 10m, maximum extendable to 200m



APPLICATIONS



Water Treatment Plants
Monitor pH levels for effective water treatment processes.



Hydrological Monitoring
Assess pH in natural water bodies to understand ecological conditions.



Wastewater Treatment
Ensure proper pH levels in wastewater treatment systems.



Swimming Pools and Fish Ponds
Maintain optimal pH for safe water conditions.



Chemical and Biological Applications
Utilize pH measurements for various industrial and research processes.



Note -

This data sheet serves as general information about the VizSens-PH(D). For specific technical details, installation guidelines, and troubleshooting assistance, please refer to the official user manual provided with the product.

For inquiries and detailed technical information, please contact sales@advanceanalytik.com.



LET'S CONNECT !

Let's work together to find a solution that works for you



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