



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-PH(Analog) pH Sensor

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VizSens-PH(A)

pH Sensor

The VizSens-PH(A) pH Sensor is an essential tool for accurate pH monitoring across various applications, including water treatment, hydrological monitoring, wastewater treatment, swimming pools, fish ponds, and industries such as fertilizers, chemicals, and biology. Designed with a composite electrode that combines a glass indicating electrode and a reference electrode, this sensor provides reliable pH measurement for water-based environments.



Product Features

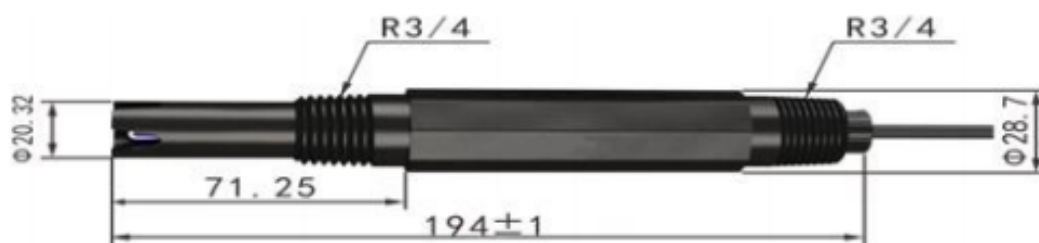
- **Repeatability and Stability:** Offers good stability and repeatability, suitable for fresh and sea water testing.
- **Measurement range:-** 0 - 14pH
- **Simple design:** Allows for easy manual cleaning.
- **Analog-Digital Conversion Module (Optional):** Enables digital signal output with high anti-jamming capacity and far transmission distance.
- **RS485 Digital Signal Output (Optional):** Achieves standard digital signal output via RS485, enabling integration and networking with other equipment without a controller.
- **Quick and Easy Installation:** Facilitates field installation through terminal connection.



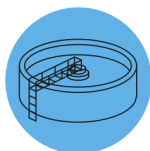
VizSens-PH(A)

Technical Specifications

Physical Specifications	
Main Material	Black Polypropylene, Ag/Agcl Reference Gel
Weight	0.2KG
Dimensions	Dia. 28.7mm * Length 195mm
Cable Length	Standard: 10m, extendable to 20m
Measurement Specifications	
Measurement Range	0-14pH;
Measurement Accuracy	pH: ± 0.1 pH; Temperature: $\pm 0.5^{\circ}\text{C}$
Temperature Range	0-80°C
Pressure Range	≤ 0.6 Mpa
Zero Potential pH Value	7 ± 0.25 pH (15mV)
Slope	$\geq 95\%$
Internal Resistance	$\leq 250\text{M}\Omega$
Alkaline Error	0.2pH (1mol/L Na+ pH14) (25°C)
Response Time	≤ 10 seconds (After stirring)



APPLICATIONS



Water Treatment Plants
Accurate pH measurement
for effective water treatment
processes.



Hydrological Monitoring
Essential for monitoring pH
levels in natural water
bodies.



Wastewater Treatment
Facilitates pH control in
wastewater treatment
systems.



Swimming Pools
Maintains optimal pH for safe
and comfortable swimming
environments.



Fish Ponds
Ensures suitable pH
conditions for aquatic life.



Fertilizers, Chemicals, and Biology Industries
Supports pH monitoring in
various industrial
processes.



Note -

This data sheet serves as general information about the VizSens-PH(A). 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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