

# ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



## **VizSens-PH(Analog)** **pH Sensor**

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[www.advanceanalytik.com](http://www.advanceanalytik.com)  
sales@advanceanalytik.com

# 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

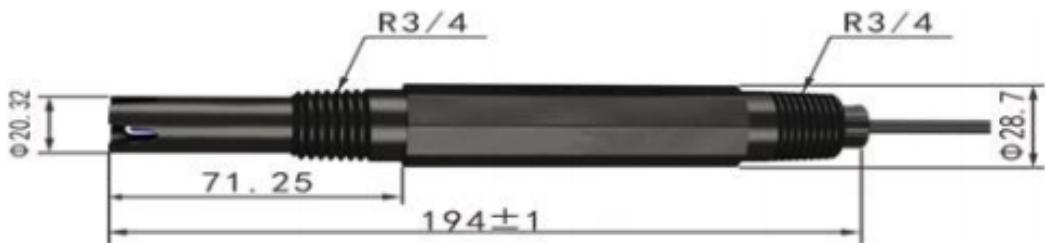
- **Repeatability and Stability:** Offers good stability and repeatability, suitable for fresh and sea water testing.
- **Measurement range:-** 0 - 14pH
- **Simple design:** Allows for easy manual cleaning.
- **Analog-Digital Conversion Module (Optional):** Enables digital signal output with high anti-jamming 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.



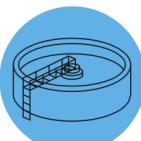
# VizSens-PH(A)

## Technical Specifications

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



# 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](mailto:sales@advanceanalytik.com).





# LET'S CONNECT !

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



## Contact Us :

+36 70328 6862

1132, Budapest Váci ut 16 Faz 12. ajto

<https://advanceanalytik.com>

[sales@advanceanalytik.com](mailto:sales@advanceanalytik.com)

