

# ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



## **VizSens-RCL**

**Residual Chlorine/Chlorine Dioxide sensor**

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# VizSens-RCL

## Residual Chlorine/Chlorine Dioxide sensor

The VizSens-RCL is an advanced residual chlorine/chlorine dioxide sensor that employs a constant voltage principle to measure these components in water. The instrument utilizes stable electric potential and current signals to calculate concentrations, offering a simple structure, easy maintenance, and exceptional accuracy. It operates without oxygen consumption, eliminating flow rate and stirring requirements. Factory calibration ensures long-term stability and reliability.

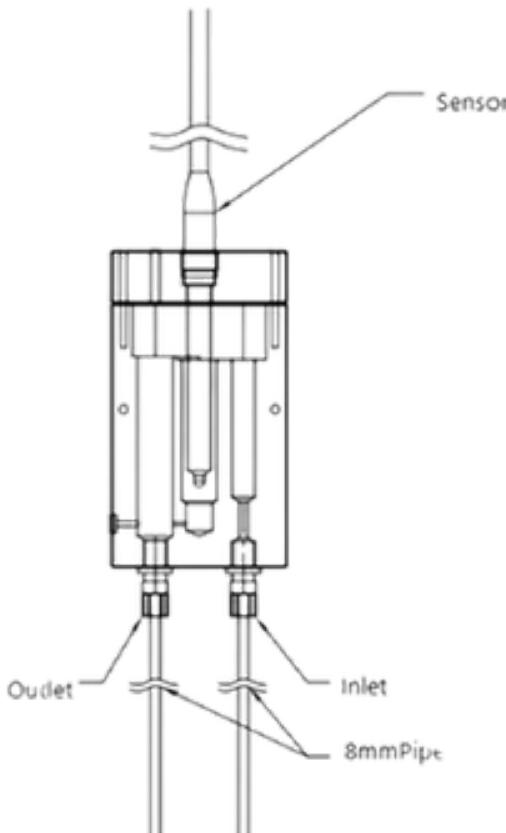


## Product Features

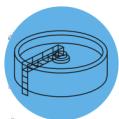
- Does not cause oxygen consumption during measurement, eliminating flow rate and stirring needs.
- Factory calibration, requiring.
- Calibration only once a year, with the option for field calibration.



Basic Information	
Principle	Constant voltage method
Measurement Ranges	
Chlorine Measurement Range	0-2mg/L, 0-20 mg/L (optional)
pH Measurement Range	5-8 pH
Accuracy and Precision	
Measurement Accuracy	±3% or ±0.3 mg/L, whichever is greater
Temperature Compensation	Manual or automatic
Repeatability	±0.3 mg/L
Operating Conditions	
Pressure Range	≤ 0.3 Mpa
Calibration	2-Point Calibration
Flow Rate	30-60 L/h
Main Material	316L Stainless steel shell
Physical Specifications	
Dimensions	Diameter 13.5mm * Length 178.5mm
Weight	1.4 KG
Protective Rate	IP68/NEMA6P
Cable Length	Standard: 10m, maximum can be extended to 100m



# APPLICATIONS



## Water Treatment Plants

For monitoring water quality in treatment processes and ensuring compliance with regulatory standards.



## Swimming Pools and Spas

Ensures proper chlorination levels for safe and hygienic water quality in recreational facilities.



## Food and Beverage Industry

Monitors chlorine and chlorine dioxide levels in water used for food and beverage production, ensuring compliance with safety and quality standards.



## Industrial Processes

Controls and maintains residual chlorine and chlorine dioxide concentrations in industrial processes, preventing microbial growth and maintaining product integrity.



## Research and Development

Ensures consistent product quality by monitoring turbidity in various industrial processes requiring precise control.



## Research and Development

Supports studies related to water quality and contamination by providing reliable data on residual chlorine and chlorine dioxide levels in natural water bodies.



### Note -

This data sheet serves as general information about the VizSens-RCL. 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



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