



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-NO3N

Nitrate nitrogen Sensor

www.advanceanalytik.com

sales@advanceanalytik.com

VizSens NO3N

Nitrate nitrogen Sensor

The VizSens NO3N is a highly accurate and reliable sensor designed for measuring Nitrate nitrogen (NO3N) levels in water. With a pH range of 4-10 and a precision of ± 0.1 , it ensures precise and consistent readings. The sensor features a digital RS-485 output with MODBUS protocol for seamless data transmission and integration with compatible controllers. Operating in harsh environments with IP68 protection, and offering optional measurement of Potassium and Sodium, the VizSens NO3N is an efficient and versatile solution for water quality monitoring and environmental applications.



Product Features

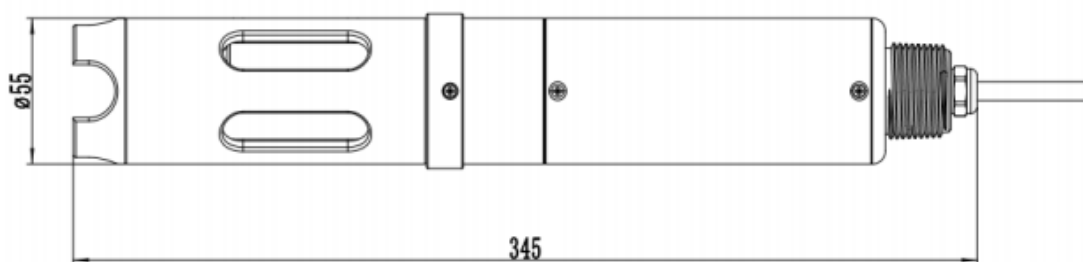
- **Digital Sensor:** Provides accurate and precise Nitrate measurements.
- **RS-485 Output:** Supports MODBUS protocol for seamless data transmission.
- **Economical and Environmentally Friendly:** Enables real-time online monitoring.
- **Automatic pH and Temperature Compensation:** Ensures accurate readings.
- **High Precision and Stability:** Offers reliable and consistent results.



VizSens NO3N

Technical Specifications

Basic Specifications	
pH Range	3 - 10
pH Accuracy	±0.1
pH Resolution	0.01
Housing Material	Polyoxymethylene
Nitrate Range	0~3000mg/l NO3N
Accuracy	±10% or ±0.2 mg/L (Obtained within 6h after calibration with standard solution under laboratory conditions)
Protection Level	IP68
Nitrate Resolution	0.01ppm
Temperature Range	0~50°C
Power Supply	DC 6~12V, current<50mA
Output Signal	Digital RS-485 output, MODBUS protocol
Dimension	Diameter: 55mm, Length: 345mm
Cable Length	5 meter (default), customizable



APPLICATIONS



Aquaculture Farms
Maintain NO₃N levels in fish tanks for optimal aquatic conditions.



Drinking Water Quality
Ensure safe drinking water by monitoring NO₃-N levels in water sources.



Environmental Research
Assess NO₃N concentrations in water bodies to study pollution and ecosystem health.



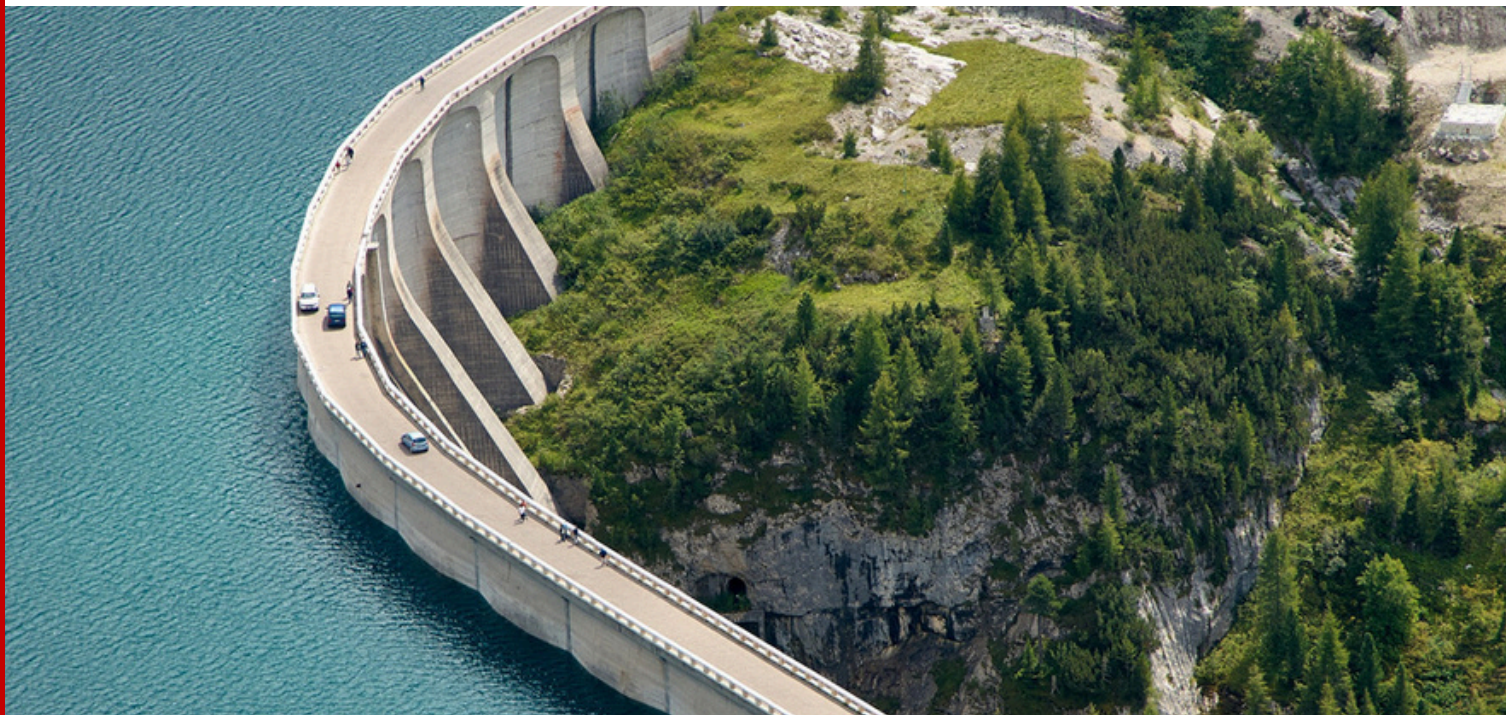
Agriculture and Irrigation
Monitor NO₃N levels in irrigation water to optimize nutrient supply to crops.



Scientific Laboratories
Conduct NO₃N analysis for research and educational purposes.



Industrial Processes
Control NO₃N concentrations in wastewater to meet environmental regulations.



Note -

This data sheet serves as general information about the VizSens-NO₃N. 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



Contact Us :

+36 70328 6862

1132, Budapest Váci ut 16 Faz 12. ajto

<https://advanceanalytik.com>

sales@advanceanalytik.com

