

ADVANCE ANALYTIK KFT



VIZSENS-NO3N

Nitrate Nitrogen Sensor



VizSens-NO₃N

OVERVIEW

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

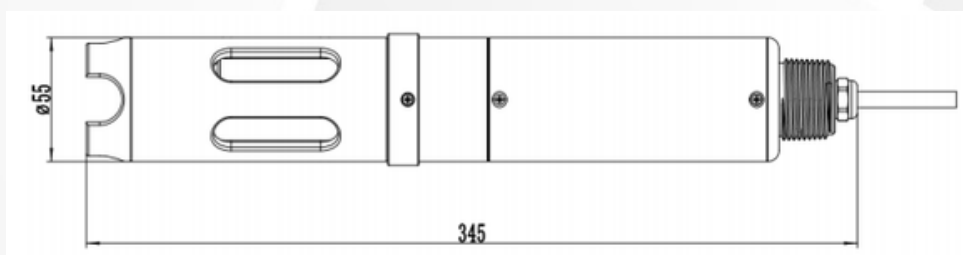
- *Digital Sensor: Provides accurate and precise Nitrate measurements.*
- *RS-485 Output: Supports MODBUS protocol for seamless data transmission.*
- *Economical and Environmentally Friendly: Enables real-time online monitoring.*
- *Automatic pH and Temperature Compensation: Ensures accurate readings.*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



TECHNICAL SPECIFICATIONS

Basic Specifications

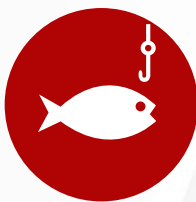
pH Range	3 - 10
pH Accuracy	±0.1
pH Resolution	0.01
Housing Material	Polyoxymethylene
Nitrate Range	0~3000mg/l NO ₃ N
Accuracy	±10% or ±0.2 mg/L (Obtained within 6h after calibration with standard solution under laboratory conditions)
Protection Level	IP68
Nitrate Resolution	0.01ppm
Temperature Range	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



Chlor-Alkali Industry



Fish farming



Food and Beverage



Desalination Plants



**Potable Water Treatment
Plants (PWTP)**



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. Due to continuous product improvement, specifications and design are subject to change without notice. Actual product may differ slightly from illustrations.

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



We, Advance Analytik KFT, are a distinguished manufacturing company based in Budapest, Hungary. Our company's long-standing presence in this vibrant city reflects our unwavering commitment to excellence, innovation, and adaptability in a competitive industry.

At Advance Analytik, we specialize in precision and performance, offering a wide array of advanced analytical instruments. Our product range includes state-of-the-art analog and digital sensors, cutting-edge controllers, and modular analyzers designed for diverse applications. Each product is a testament to our meticulous attention to detail and dedication to exceeding industry standards.

The backbone of our success lies in our exceptional team of professionals. Comprised of skilled engineers, innovative designers, and dedicated support staff, our team works in synergy to deliver solutions that empower our clients.



Research & Development Facility
(Edeleny, Hungary)

OUR MISSION

To be the preferred partner for industries worldwide, offering entire and reliable analytical solutions that drive innovation and ensure quality

OUR VISION

To revolutionize analytical science by pioneering state-of-the-art instruments and services, empowering researchers and businesses to achieve new unprecedented accuracy

Why Choose Advance Analytik?

Cutting-edge Technology

We leverage the latest advancements in analytical instrumentation and software to provide our customers with state-of-the-art solutions that deliver accurate and precise results.

Customized Solutions

We understand that every industry and research field has unique requirements. That's why we offer customized solutions tailored to your specific needs.

Reliable Performance

We take pride in delivering instruments and solutions that consistently deliver reliable performance.

Exceptional Support and Service

Our dedicated team is committed to providing comprehensive support throughout your analytical journey.

Trusted Expertise

With years of experience in the analytical instrumentation industry, we have developed a deep understanding of our customers' needs and challenges.



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