

ADVANCE ANALYTIK KFT



VIZSENS-TURB

Turbidity Sensor



VizSens-TURB

OVERVIEW

The VizSens-Turb is a highly capable turbidity sensor known for its accurate and stable measurements. Equipped with advanced infrared scattered light technology, it offers excellent repeatability and reliability. With a built-in self-diagnosis function and optional automatic cleaning, it ensures data accuracy while reducing maintenance efforts. The sensor's digital technology provides high anti-jamming capacity and enables seamless integration with other equipment. The VizSens-Turb is a user- friendly solution with plug-and-play installation, making it suitable for a wide range of applications in different industries.

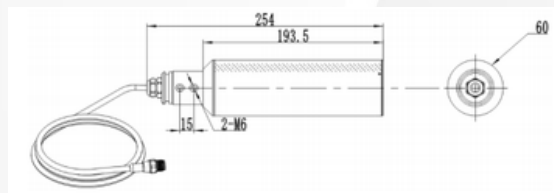
PRODUCT FEATURES

- *The turbidity sensor is based on the combined infrared absorption and scattering light method.*
- *Optional Automatic Cleaning Function: Reduces sensor maintenance with an automated cleaning brush.*
- *Digital Sensor with High Anti-Jamming Capacity: Provides reliable performance in noisy environments.*
- *Standard Method: Utilizes Infrared light scattering technique to eliminate sample color effects for precise measurements.*
- *Standard Digital Signal Output: Facilitates easy integration and networking with other equipment without the need for a controller.*
- *Plug-and-Play Sensors : Enables quick and straightforward installation, ensuring hassle-free setup and operation.*
- *Power protection, avoid wrong connection of RS485 A / B terminal.*

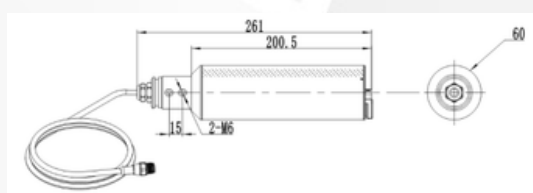


TECHNICAL SPECIFICATIONS

General Information	
Dimensions	Diameter: 60mm, Length: 261mm
Weight	1.65KG
Protective Rating	IP68/NEMA6P
Measurement Specifications	
Measurement Range	Turbidity: 0.01-100 NTU , Turbidity: 0.01-4000 NTU
Measurement Accuracy	Less than $\pm 2\%$ of the measured reading or $\pm 0.1\text{NTU}$, whichever is greater
Resolution	0.01-0.1 NTU, based on range
Repeatability	$\pm 2\%$
Pressure Range	$\leq 0.4 \text{ Mpa}$
Flow Rate	$\leq 2.5 \text{ m/s}$, 8.2 ft/s
Temperature Specifications	
Measuring Temperature	0-45°C
Material Specifications	
Body	SUS316L (fresh water), Titanium alloy (Ocean marine)
Cover	Polyphenylene + glass fiber
Cable	Polyurethane
Installation Specifications	
Cable Length	Standard: 10m, maximum extendable length: 100m



No automatic cleaning device

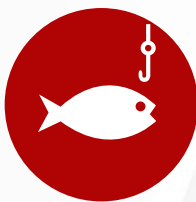


With automatic cleaning device

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-Turb. 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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