



PRODUCT  
DATASHEET '24

# ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



## **VizSens-TurbLo**

### **Low Range Turbidity Sensor**

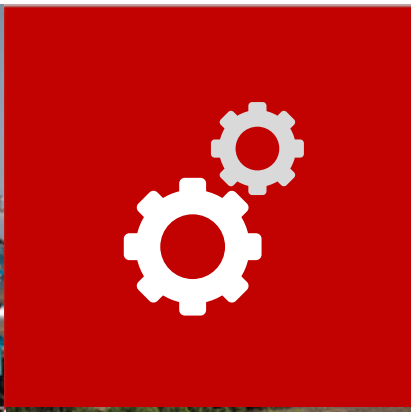
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# VizSens-TurbLo

## Turbidity Sensor

The VizSens-TurbLo is a highly reliable and robust turbidity sensor designed to provide accurate and consistent measurements within a range of 0.01 to 100 NTU. With its durable construction, easy installation, and user-friendly operation, this sensor is an excellent choice for environmental monitoring and water treatment applications. Its exceptional accuracy and stability make it an indispensable tool for industries requiring precise turbidity measurements.



### Product Features

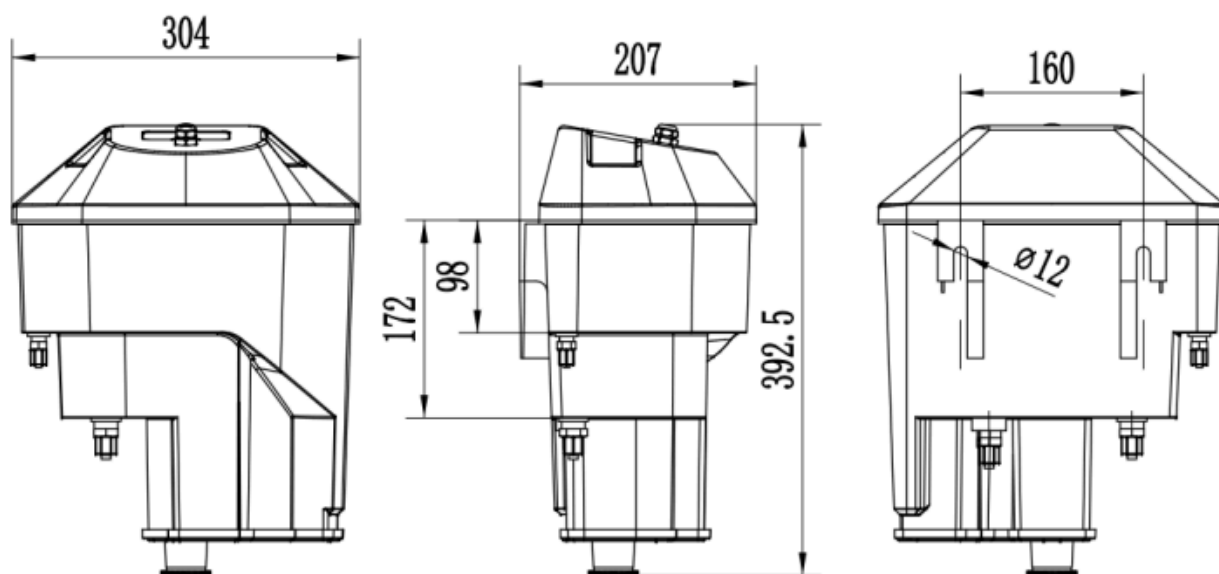
- **Reliable Measurements:** The VizSens- TurbLo offers dependable and consistent turbidity measurements for accurate data analysis.
- **Ease of Maintenance:** Designed with an easy-to-clean configuration, reducing the effort required for maintenance.
- **Continuous Monitoring:** Ideal for continuous monitoring of turbidity levels, ensuring real-time insights.
- **Effortless Installation:** Plug-and-play sensors enable quick and hassle-free installation, saving time and resources.
- **Low Turbidity Measurement:** Capable of measuring low turbidity levels, making it suitable for a variety of applications.



# VizSens-TurbLo

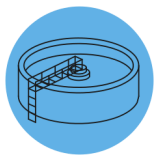
## Technical Specifications

Specifications	Details
Measurement Range	0.001-100NTU
Measurement Accuracy	The deviation of reading in 0.001~40NTU is $\pm 2\%$ or $\pm 0.015\text{NTU}$ , $\pm 5\%$ in the range of 40-100NTU.
Repeatability	$\pm 2\%$
Resolution Ratio	0.001~0.1NTU, It depends on different ranges
Flow Rate	$300\text{mL/min} \leq X \leq 700\text{mL/min}$
Pipe Fitting	Injection Port: 1/4NPT; Discharge Outlet: 1/2NPT
Material	Machine: ABS+SUS316L; Sealing Element: Acrylonitrile Butadiene Rubber; Cable: PUR
Power supply	12VDC
Communication protocol	MODBUS RS485
Operating Temperature	0~45 °C
Dimension & Weight	304*207*392.5 mm (L*W*H) 2.1KG
Level of Protection	IP 65 (Indoor)
Cable Length	Three-meter standard cable, The LED version can be extended up to 30 meters





# APPLICATIONS



**Water Treatment Plants**  
For monitoring water quality in treatment processes and ensuring compliance with regulatory standards.



**Environmental Monitoring**  
For assessing water quality in natural ecosystems, identifying pollution sources, and protecting aquatic biodiversity.



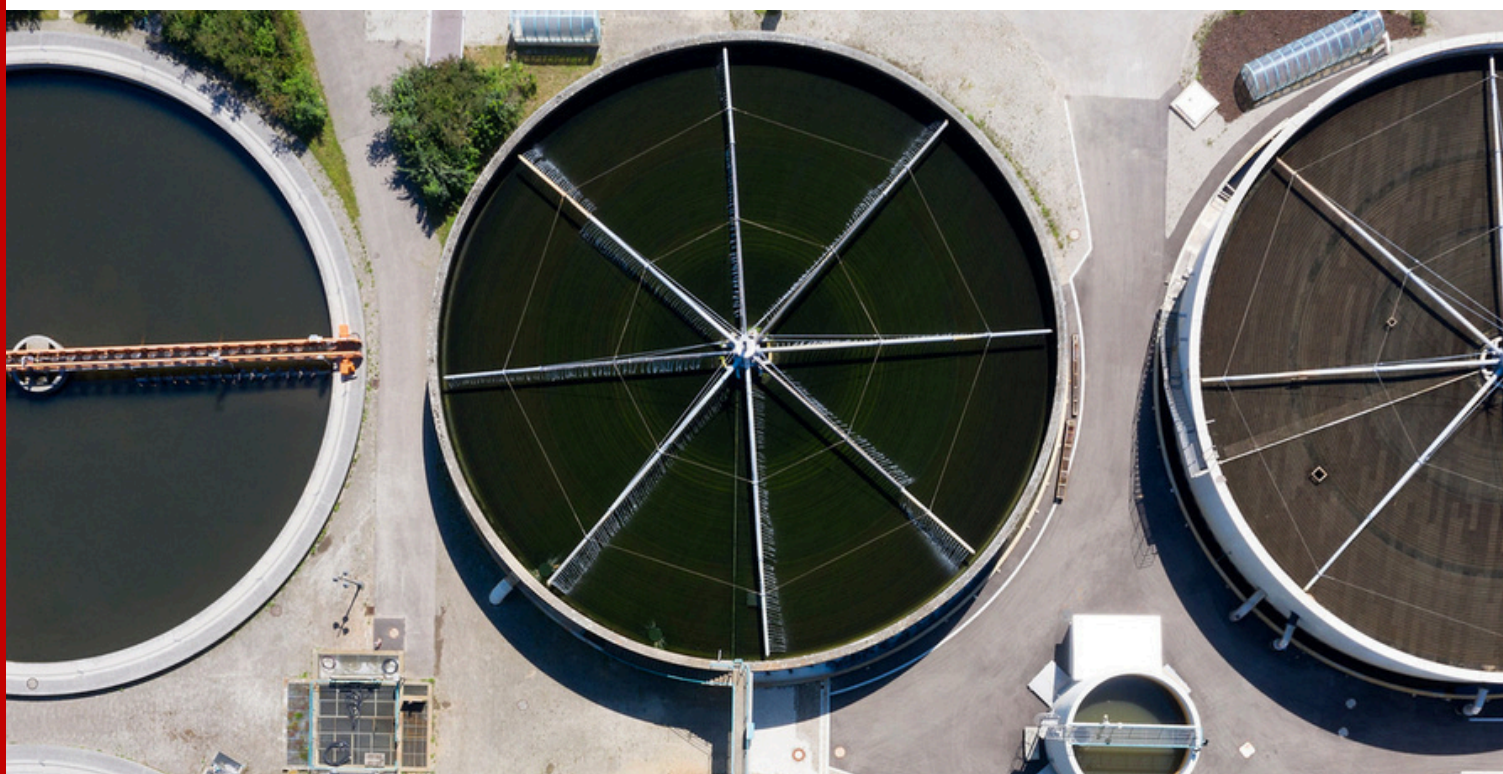
**Regulatory Compliance**  
Helps industries adhere to environmental regulations by providing reliable turbidity data for reporting and compliance purposes.



**Research and Development**  
Valuable tool for researchers studying turbidity's impact on water systems and ecosystems.



**Industrial Process Control**  
Ensures consistent product quality by monitoring turbidity in various industrial processes requiring precise control.



## Note -

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