



PRODUCT
DATASHEET '24

ADVANCE ANALYTIK

REVOLUTIONIZING ONLINE MONITORING SOLUTIONS



VizSens-SS

Suspended Solids/Sludge Sensor

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Suspended Solids/Sludge Sensor

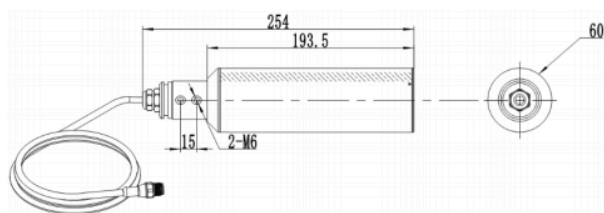
The VizSens-SS Sensor is a highly capable solution designed for precise and reliable measurements in a variety of environments. This sensor employs advanced technology and robust construction to offer a wide measurement range and high accuracy. With features like plug-and-play installation and versatile communication protocol, it seamlessly integrates with other equipment, while its self-diagnosis function ensures data accuracy and reliability. Its compact design, optional automatic cleaning, and adherence to ISO7027 Standard Method make it a versatile choice for accurate measurements in fresh water and marine applications.



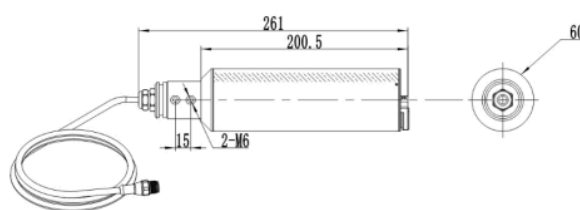
Product Features

- **Dual-Beam Infrared Scattered Light Photometer Detection:** Utilizes advanced technology for accurate and stable measurements.
- **Built-in Self-Diagnosis Function:** Ensures data accuracy and reliability.
- **Plug-and-Play Sensors:** Quick and easy installation for user convenience.
- **Optional Automatic Cleaning Function:** Reduces sensor maintenance and enhances usability.
- **ISO7027 Standard Method:** Employs Infrared light scattering technique to eliminate sample color effects.
- **High anti-jamming capacity** for reliable performance in noisy environments.
- **Standard Digital Signal Output:** Enables integration and networking with other equipment without a controller.

General Information	
Dimensions	Diameter: 60mm, Length: 251.5mm - (without cleaning) Diameter: 60mm, Length: 261.5mm - (with cleaning)
Weight	1.65Kg
Protective Rating	IP68/NEMA6P
Measurement Specifications	
Measurement Range	0.01-20000 mg/L
	0.01-45000 mg/L
	0.01-120000 mg/L
Measurement Accuracy	Less than ±5% of measured value (Depending on the homogeneity of sludge)
Resolution	0.01-1mg/L, based on range
Repeatability	±2%
Pressure Range	≤ 0.4 Mpa
Flow Rate	≤ 2.5m/s, 8.2ft/s
Temperature Specifications	
Measuring Temperature	0-45°C
Communication	
Communication Protocol	MODBUS RS485
Electrical Specifications	
Main Material	Body: SUS316L (fresh water), Titanium alloy (Ocean marine)
Cover	Polyphenylene + glass fiber
Cable	Polyurethane
Electrical Specifications	
Cable Length	Standard: 10m, maximum extendable length: 100m



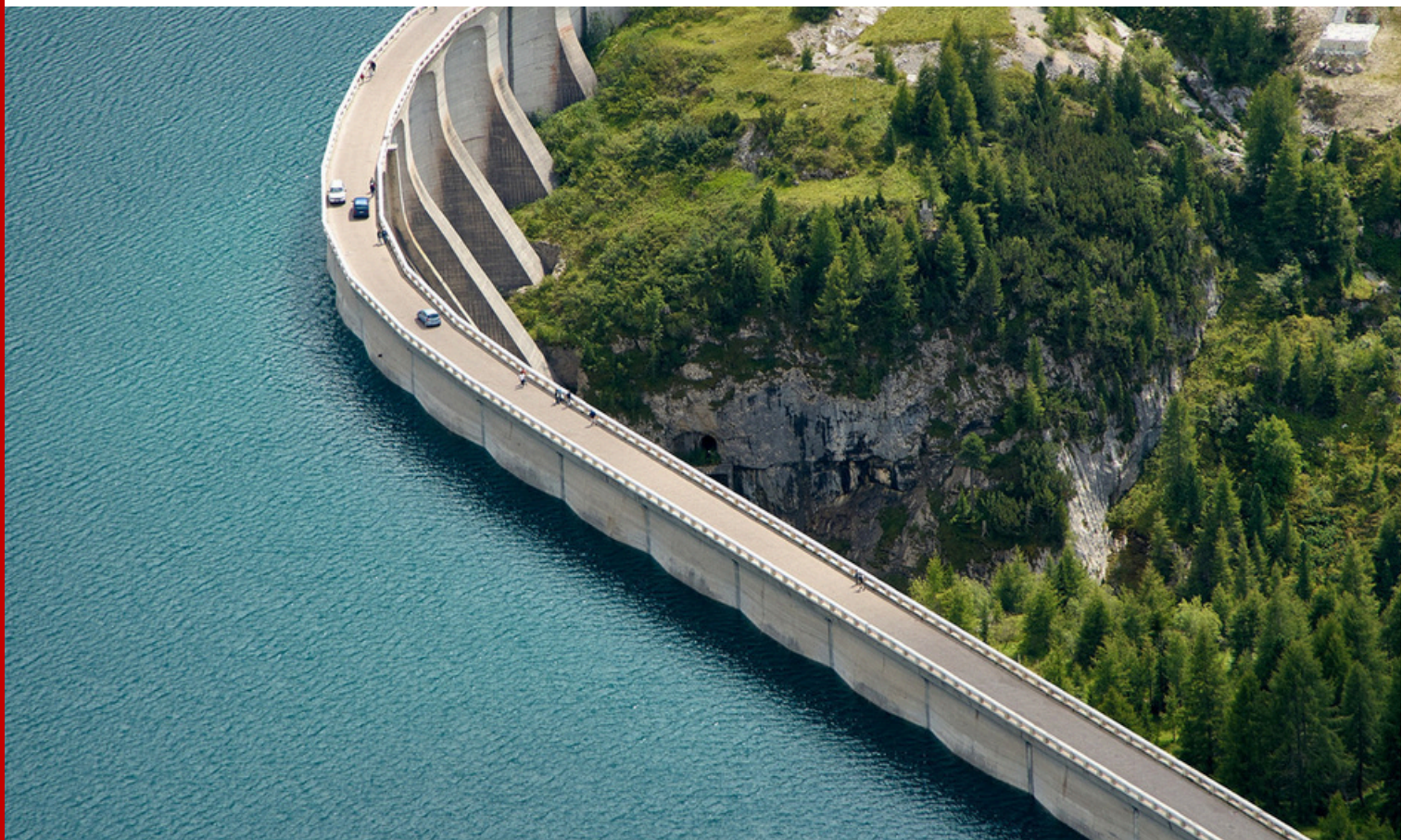
No automatic cleaning device



With automatic cleaning device

APPLICATIONS

Suitable for precise measurements in diverse environments Ideal for applications requiring accurate and stable measurements Compatible with various industries and applications



Note -

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



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