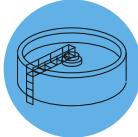




AAPTUL-7000

Turbidity Sensor



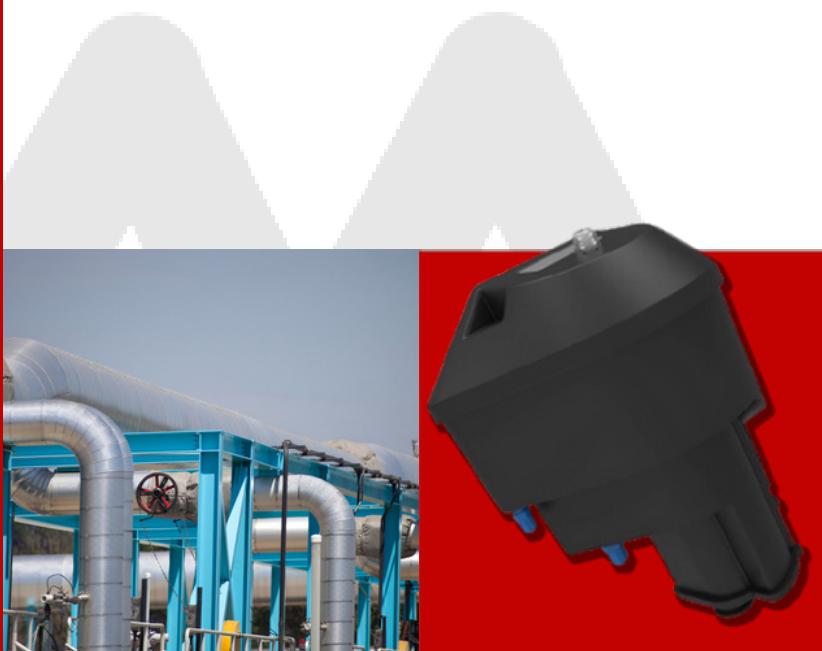
www.advanceanalytik/products/sensors.com

 **ADVANCE
ANALYTIK**

AAPTUL-7000

Turbidity Sensor

The AAPTUL-7000 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

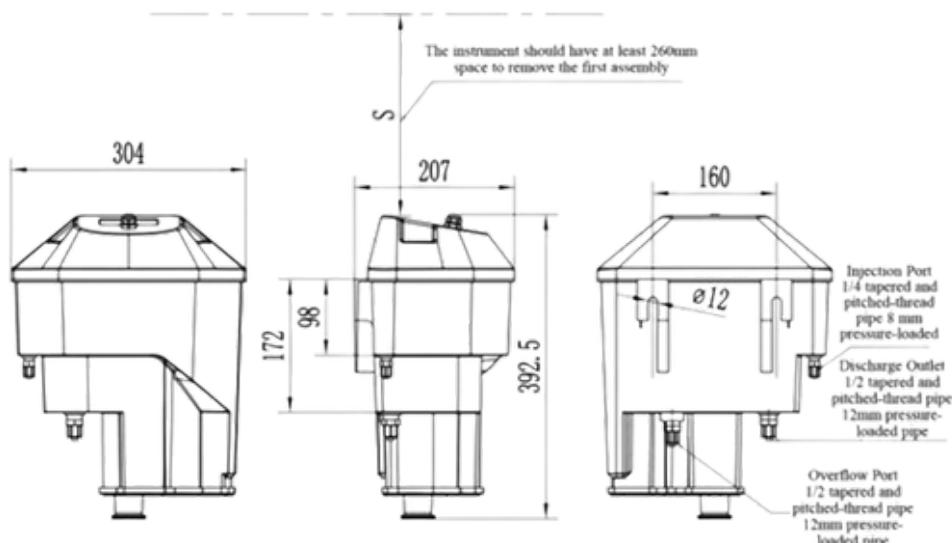
- Reliable Measurements:** The AAPTUL-7000 offers dependable and consistent turbidity measurements for accurate data analysis.
- Ease of Maintenance:** Designed with an easy-to-clean configuration, reducing the effort required for maintenance.
- Continuous Monitoring:** Ideal for continuous monitoring 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.



AAPTUL-7000

Technical Specifications

Sample Condition	
Flow	0...2 L/min
Pressure	≤ 0.5 bars
Temperature	5 ... 35°C
Controller	
Display	8.5" TFT colour screen 16/9 (LED backlight) 800 x 480 px
Touch Screen	Glass to glass
Memory	16 GB SD card
Data Transfer	USB type A
Operating Temperature	5 ... 55°C
Operating Humidity	< 90 % RH
Communication Output	
Analog	4-20 mA isolated (Active or Passive) / 500 Ω max
Relay	Programmable limit or fault alarms / 5A (NO) 3A (NC) @ 277 VAC
Digital	RS485 / Modbus (Slave or Master)
Power Supply	
Voltage	100 ... 240 VAC (50 - 60 Hz) or 24 VDC (Universal)
Consumption	< 20 W (60 W max.)
Enclosure	
Type	Wall Mounted / Set / Portable (Optional handles)
Material	SS316L
Dimensions (HxWxD)	430x340x195 mm
Weight	± 15 kg
Protection Class	IP65
Area Classification	Safe



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 AAPTUL-7000 . 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 info@advanceanalytik.com .

ADVANCE ANALYTIK



Advance Analytik KFT
1024, Keleti Karoly utca 48.
fszt. Budapest
+36 70 328 6862
sales@advanceanalytik.com



www.advanceanalytik.com