WSTB1002 TURBIDITY SENSOR
High range

WSTB1002 turbidity sensor is a probe type sensor that can be installed directly to the process (insitu).

The sensor works using light scattering principles. An infrared light penetrates the water sample. The light is scattered by the particles present. A photodetector detects the amount of light that is reflected back. The amount of light detected gives the information on levels of turbidity in the sample. A larger number of particles in the sample will lead to more light scattered and detected leading to higher turbidity readings.

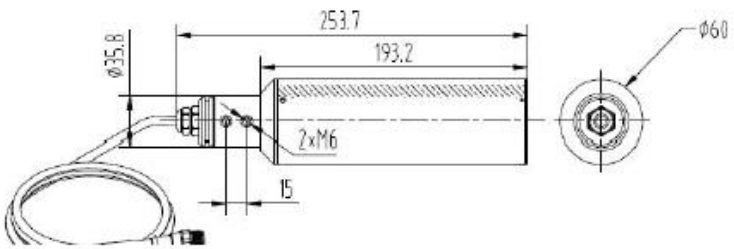
Applications

- Sewage treatment plants
- Industrial production of water
- Wastewater treatment process
- Tap water plants etc.

Technical Specification

Specification	
Measure range	0~100 NTU, 0.01~4000NTU
Accuracy	<±2% FS
Pressure range	<0.4 MPa
Material	Main: SS 316L Stainless steel (Standard version) Upper and Lower Cover: PVC Cable: PVC
Installation	INSITU
Power consumption	<25W
Power Supply	12 VDC
Communication interface	RS485 Modbus RTU
Size	60mm x 256mm
Weight	1.65 kg
Flow velocity	< 2.5m/s, 8.2ft/s
Lifespan	1 year
Temperature	0~45 °C
Calibration	Sample calibration, Slope calibration
Cable length	10m

External Dimensions



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