



Online Suspended Solids Analyzer

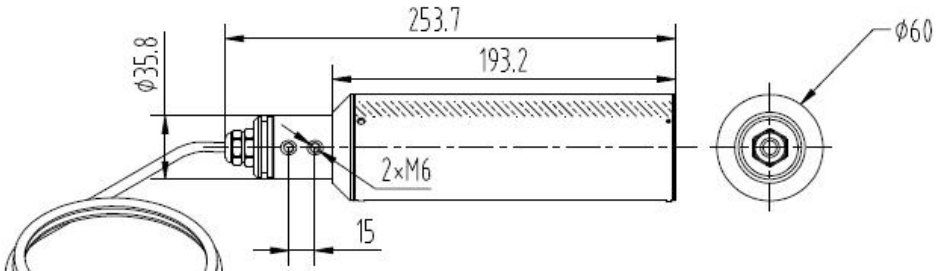
Model:ZDYG-2087A



ZDYG-2087A Suspended Solids (Sludge Concentration) Sensor

The suspended solid sensor, based on the infrared absorption scattered light method and combined with the application of ISO7027 method, can guarantee the continuous and accurate detection of suspended solids and sludge concentration. Based on ISO7027, infrared double scattering light technology will not be affected by chroma for the measurement of suspended solids and sludge concentration value. According to the usage environment, self-cleaning function can be equipped with. It assures the stability of data and reliability of performance; with the built-in self-diagnosis function, it can make sure the accurate data be delivered; besides, the installation and calibration is quite simple.

Size	Diameter 60mm* Length 256mm
Main Materials	Main Body:SUS316L (Ordinary Version), Titanium Alloy (Seawater Version) Upper and Lower Cover:PVC;Cable: PVC
Waterproof Rate	IP68/NEMA6P
Measurement Range	0.01-20000 mg/L,0.01-45000 mg/L ,0.01-120000 mg/L
Resolution	Less than $\pm 5\%$
Pressure Range	≤ 0.4 Mpa

Flow velocity	$\leq 2.5\text{m/s}, 8.2\text{ft/s}$
Storage Temperature	$-15\sim 65^{\circ}\text{C}$
Calibration	Sample Calibration, Slope Calibration
Cable Length	Standard 10-Meter Cable, Max Length: 100 Meters
Warranty Period	1 Year
High Voltage Baffle	Aviation Connector, Cable Connector
External Dimension:	

ZDYG-2087A Online Suspended Solids (Sludge Concentration) transmitter

The BOQU suspended solids transmitter can be used to display data measured by the sensor, so the user can get the 4-20mA analog output by transmitter's interface configuration and calibration. And it can make relay control, digital communications, and other functions a reality. The product is widely used in sewage plant, water plant, water station, surface water, farming, industry and other fields.

Size	145*125*162mm L*W*H
Waterproof Rate	IP65/NEMA4X
Operation Temperature	-15 to 60°C
Power Supply	AC:AC220V, 50HZ, 5W DC:DC24V
Output	Two-way of 4-20mA, the maximum load is 500 ohms
Relay	Three-way relay can be set up
Display Output	128 * 64 dot matrix LCD with LED backlight
Digital Communication	MODBUS RS485
Warranty Period	1 year