Online Turbidity Analyzer
Model: ZDYG-2088A(Flow through)

Turbidity transmitter

The online turbidity 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 online turbidity meter is widely used in sewage plant, water plant, water station, surface water, farming, industry and other fields.

Size	145*125*162mm L*W*H
Material of outside shell	lower casing:Aluminum with powder covering
	cover:PA66+GF25+FR
Waterproof Rate	IP65/NEMA4X
Storage Temperature	-20 to 70℃
Operation Temperature	-15 to 60℃
Power Supply	AC:AC220V, 50HZ, 5W ;DC:DC24V
Output	two-way analog output 4-20mA, response parameters and corresponding scope can be programmed Note: the maximum load is 500 ohms
Relay	three-way relay can be set up
Digital Communication	MODBUS RS485 communication

Online Turbidity Sensor

The parallel light from the light source is directed into the water sample in the sensor by the low-range turbidity sensor and scattered by the suspended particles in the water sample. The scattered light forming a 90-degree angle with the incident light will be received by the silicon photocell receiver which is immersed into the water sample. The turbidity value of the water sample will be calculated according to the relationship between the 90-degree scattered light and the incident beam.

Size	Length 310mm*Width 210mm*Height 410mm
Main Material	Machine:ABS + SUS316 L
	Sealing Element: Acrylonitrile Butadiene Rubber
	Cable: PVC
Waterproof Grade	IP 66 / NEMA4
Measuring Range	0.01-100NTU
Measurement Accuracy	The deviation of reading in 0.001~40NTU is ±2% or ±0.015NTU, choose the bigger one; and it is ±5% in the range of 40-100NTU.
Flow Rate	300ml/min≤X≤700ml/min
Pipe Fitting	Injection Port: 1/4NPT; Discharge Outlet: 1/2NPT
Storage Temperature	-15~65℃
Environmental Temperature Range	0~45℃
Calibration	Standard Solution Calibration, Water Sample Calibration, Zero Point Calibration
Length of Cable	Three-meter standard cable, it is not recommended to extend.
Warranty	One year