



## Online Turbidity Analyzer

**Model: ZDYG-2088A**



### 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°C
Operation Temperature	-15 to 60°C
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 online turbidity sensor is based on the infrared absorption scattered light method and combined with the application of ISO7027 method, can guarantee the continuous and accurate detection of turbidity. Based on ISO7027, infrared double scattering light technology will not be affected by chroma for the measurement of turbidity 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	0.01-100 NTU ,0.01 — 4000 NTU
Indication Resolution	Less than $\pm 2\%$ of the measured value, or $\pm 0.1$ NTU Maximax criterion
Pressure Range	$\leq 0.4$ Mpa
Flow velocity	$\leq 2.5$ m/s,8.2ft/s
Storage Temperature	-15~65℃
Calibration	Sample Calibration, Slope Calibration
Cable Length	Standard 10-Meter Cable, Max Length: 100 Meters

Dimension:

