Digital Infrared Turbidity Sensor

Features& Advantages

- Adopt 660nm laser light source, high resolution and fast response;
- Can be used in online transmitter, DTU, integrated system;
- Low sampling flow requirements, reducing the amount of waste liquid generated in the measurement;
- The turbidity flow cell can eliminate the interference of air bubbles to the measurement to the greatest extent;
- Optional window and automatic emptying system to reduce maintenance workload;
- Liquid level detection function can automatically determine whether the sample liquid level in the flow cell meets the measurement requirements;
- Stream-style sample track to prevent the sedimentation of suspended solids caused by low flow rates;
- RS485 digital interface, standard Modbus communication protocol, support access to standard industrial control system;
- Internal storage of calibration data, support offline calibration, plug and play on site.

Specification & Model

Model	OLTU600	OLTU601	OLTU602	OLTU603
Measuring Range	0.01~100NTU 0.1~50℃			
Light Source	660nm laser light source			
Display Accuracy	0.001~40NTU is ±2% of reading or ±0.015NTU take the larger one; 40~100NTU is ±5% of reading			
Operating Environment	0~45℃			
Flow Rate	100ml/min≤x≤500ml/min			
Calibration	Standard solution/water sample/zero point calibration			
Working Instructions	Power indicator	Power and status indication	OLED window	
Sample liquid Level	No judgment			Judge and prompt
Sample Emptying/Blowdown	Not equipped			Equipped
Sample Interface	Injection port: 1/4NPT, discharge port: 1/2NPT			
Main Material	Body: ABS+Nylon			
Dimensions	Length*Wide*Height: 140*117*214mm			
Net Weight	2Kg			
Waterproof Level	IP66			
Storage Temperature	-15~65℃			