



AE-TO-1/2/3/4 Series Online Turbidity Meter

Key Features

1. Color and bubbles without interference,build in self-clean system;
2. Stainless steel housing and hard to scratch lenses;
3. Providing grounding function,prevent sample charged interference;
4. Large LCD with Auto/Manual background illumination screen;
5. Password protections prevent unauthorized of setting;
6. Two separate mechanical relays for high and low (HH/HL/LL) set points.

Product Description

Features of Online Turbidity Meter:

1. Application : Water and wastewater treatment, drinking water and surface water monitoring, chemical process, recycling water,and scrubber;
2. 90-degree of the optical detection principle;
3. Color and bubbles without interference,build in self-clean system;
4. 5 -points calibration, single-point calibration can be analyzed based on laboratory or field;
5. Stainless steel housing and hard to scratch lenses;
6. Panel or Wall mounts Enclosures, NEMA4 X, IP65 water proof, dust proof;
7. Providing grounding function,prevent sample charged interference;
8. Large LCD with Auto/Manual background illumination screen;
9. Password protections prevent unauthorized of setting;
10. RS-485 interface communication (AE-TO-3, AE-TO-4);
11. Scaleable isolate d output: 0/4 ~20mA;
12. Two separate mechanical relays for high and low (HH/HL/LL) set points;
13. Separately adjustable high and low set-point hysteresis (dead bands) prevent chattering of relays around the set point;
14. The third mechanical relays for electrode self-cleaning or alarm.



Online Turbidity Meter Technical Specifications:

Model	AE-TO-1	AE-TO-2	AE-TO-3	AE-TO-4
Range	Turbidity / Suspended Solid(SS) / (MLSS)			
Turbidity Unit	NTU, FTU, FNU			
SS Unit	ppm, mg/L			
MLSS Unit	g/L			
Turbidity Range	0.00-20.00,20.0-100.0 / 0.0-200.0,200-500 / 0-3000 NTU (depends on sensor)			
SS Range	0~1000 mg/L			
MLSS Range	0.0-50.0 g/L			
Resolution	Auto (0.01,0.1,1)			
Analog Output	2 sets 0/4 ~ 20mA		1 set 0/4~20mA	
Serial Interface	—		RS-485	
Relay Specification	2SPST/240VAC0.5A			
Frequency of Cleaning Time	ON 0-9999 sec / OFF 0-999.9 hours			
Operation Temperature	0~50℃			
Power Supply	100~240VAC±10% ,50/60Hz	20-30VDC	100~240VAC±10% , 50/60Hz	20-30VDC
Size / Weight	144mmx144mmx15mm / 800g			
Installation Size	138mmx138mm			