PCT-600 Color online analyzer

Measurement Principle

PCT-600 Color online analyzer can be directly immersed in measurement, no sampling and pretreatment, no chemical reagents, no secondary pollution, to achieve in-situ color online monitoring, easy to install on site.



Features

- Short response time for continuous measurement
- LED light source, small size, low power consumption, easy to integrate on site
- The sensor has an automatic cleaning function to reduce maintenance
- The sensor with power supply positive and negative polarity protection
- The sensor RS485 A/B is incorrectly connected to the power supply protection.
- With time display, data storage and historical data view functions (need purchase SD card to support)
- Optional wireless data transmission module.

Applications

- Real-time online monitoring of color of tap water, secondary drinking water and agricultural drinking water
- Real-time online color monitoring of surface water and other environmental water

Technical Specifications

Measuring range	0-100 degree
Measurement accuracy	±10%
Repeatability	5%
Resolution	0.1 degree
Pressure range	≤0.1 Mpa
Sensor material	Body: SUS316L（normal）, Titanium alloy (seawater version); Cable PUR
Power source	AC：85-500 VAC DC：9-36 VDC
Output	3 way 4-20 mA
Relay	Three-way relay, program setting response parameters and response values
Communication protocol	MODBUS　RS485
Storage temp.	-15 to 50℃
Operating temp.	0 to 45℃（No frozen）
Dimension	Sensor：Dia. 34mm* L 237mm Transmitter：145*125*162mm(L*W*H)
Weight	Sensor：0.8KG，Transmitter：1.35KG
Class of protection	Sensor：IP68/NEMA6P；Transmitter：IP66/ NEMA4X
Cable length	Standard: 10M cable，Can be extended into 100M

Probest Intelligent Technology Co.,Ltd.
Email: international-sales@probest.cn
Tel:+86-(0)591-83226312
Web:www.probesti.com