



Online Turbidity Sensor

Model : TC100/500/3000

Introduction

Online turbidity sensors for on-line measurement of scattered light suspended in the degree of opaque liquid insoluble particulate matter produced by the body and can quantify levels of suspended particulate matter. Can be widely used in site online turbidity measurements, the power plant, pure water plants, sewage treatment plants, beverage plants, environmental protection departments, industrial water, wine industry and the pharmaceutical industry, epidemic prevention departments, hospitals and other departments.

Technical Features

1. Check and clean window every month, with automatic cleaning brush, brush a half hour
2. Adopt sapphire glass realize easy maintain, when cleaning adopt scratch-resistant sapphire glass, don't worry about the wear surface of window.
3. Compact, not fussy installation place, just put in to can complete the installation
4. Continuous measurement can be achieved, built-in 4~20mA analog output, can transmit data to the various machine according to the need.
5. Wide measurement range, according to different needs, providing 0-100 NTU, 0-500NTU, 0-3000 NTU three optional measurement range.

Technical Parameters

1. Measuring range: turbidity sensor: 0~100 NTU, 0~500 NTU, 3000NTU
2. Inlet pressure: 0.3~3MPa
3. Suitable temperature: 5~60°C
4. Output signal: 4~20mA
5. Features: Online measurement, good stability, free maintenance
6. Accuracy: <math><FS (Full scale) \pm 2\%</math>
7. Reproducibility: <math><FS \pm 1\%</math>
8. Resolution: 0.01NTU
9. Hourly drift: <math><0.1NTU</math>
10. Relative humidity: <math><70\%RH</math>
11. The power supply: 12V
12. Power consumption: <math><25W</math>
13. Dimension of the sensor: $\Phi 32 \times 163\text{mm}$ (Not including the suspension attachment)
14. Weight: 1.5kg
15. Sensor material: 316L stainless steel
16. Deepest depth: Underwater 2meters



