Online TSS Analyzer – Submerged Type

MS TSS 79 (Origin USA)

The suspended solid sensor adopts infrared light technology for measurement. The instrument Analyse these data that are obtained by infrared light through the medium to the detector. It can know the exact concentration of suspended matter in the medium. It has the same accuracy and continuity when measuring low or high ranges. Besides, in order to effectively eliminate the deviation of data due to some changes of environment, so that it can be used in more environments. It is widely used in the monitoring of SS concentration in solution, such as Chemical, electroplating, paper making, ETP/STP/ WTP, Pharmaceutical, Food, water, etc.



FEATURE

- Optional online data acquisition software
- Able to restore factory settings
- 1 channel 4-20mA current output
- Supports RS485 communication
- 2 groups of ON/OFF relay control
- Support the IoT system integration
- Watchdog function
- Measuring range customizable

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TECHNICAL SPECIFICATION

Measuring Range	: 0-10,000 mg/L, 0 to 50 g/L, measurement range can be Customizable (Specify while ordering)
Resolution	: 1 mg/L
Repeatability	: 1%.
Accuracy	: ±2.0%FS
Set Points	: 02 Nos (High /Low)
Control Output	: 02 Nos Potential Free Relay (3A, 220VAC / 24VDC)
Retransmission Output	: 4 to 20 mA isolated
Communication Output	: RS 485 MODBUS
Environment Conditions	: Temperature 0~60°C, RH ≤90%. `
Supply Voltage	: AC 220V10%、50/60Hz, sensor: DC 12V
Mounting	: Panel Mounted
Dimensions of Controllers	: 96 X 96 X168 mm
Dimensions of Submerged Sensor	: 237 x 64 mm (submerged type sensor)
Controller Weight	: 0.9 kg
Submerged type sensor Weight	: 4.1 kg
Protection level	: IP65 (controller), IP68 (Submerged type sensor)
Sensor Cable	: 10 Meter

APPLICATION

- Chemical
- Electroplating
- Paper making
- Environmental water treatment
- Pharmaceutical
- Food
- Water

Note : Due to continuous Improvement in Product specifications & Looks may vary

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