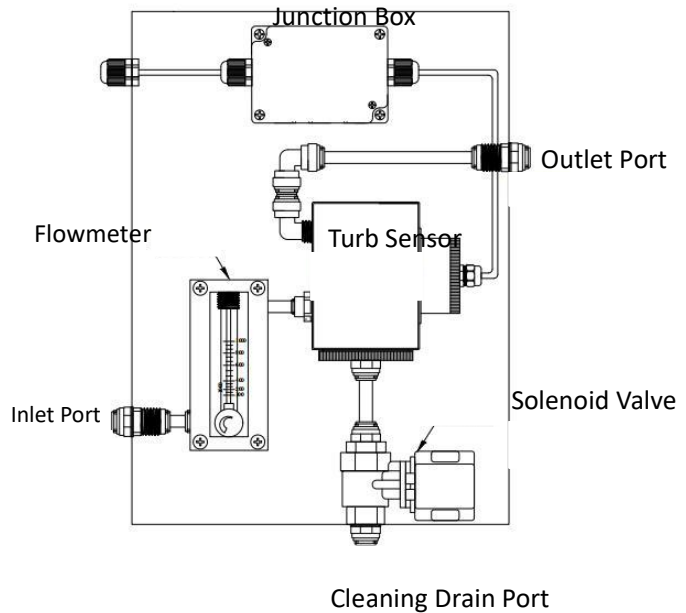




NST-PTU600 Low Range Turbidity Sensor

NST-PTU600-I Without Solenoid Valve

NST-PTU600-II With Solenoid Valve

Typical Applications

Monitoring of finished water turbidity in water treatment plants; water quality monitoring in municipal pipeline networks; industrial process water quality monitoring, such as circulating cooling water, activated carbon filter effluent, membrane filtration effluent, etc.

Technical Specifications:

- (1) Measurement range: 0.001 ~ 100.0 NTU; Temperature: 0 ~ 45.0°C (non-freezing);
- (2) Resolution: 0.001 / 0.01 / 0.1 NTU
- (3) Accuracy: $\pm 2\%$ for 0 ~ 40 NTU, $\pm 5\%$ for 40 ~ 100 NTU
- (4) Pressure range: ≤ 0.2 MPa
- (5) Calibration: Standard solution calibration, sample calibration
- (6) Sample flow rate: $200 \text{ mL/min} \leq X \leq 400 \text{ mL/min}$
- (7) Communication output: RS485 MODBUS RTU
- (8) Power supply: 9 ~ 36 VDC; Power consumption: sensor ≤ 0.3 W; solenoid valve ≤ 3 W
- (9) Dimensions: $400 \times 300 \times 170$ mm
- (10) Installation method: Wall-mounted
- (11) Protection rating: IP65
- (12) Instrument weight: 5.0 kg
- (13) Operating environment:

Ambient temperature: $-10 \sim 60^\circ\text{C}$; Relative humidity: no more than 90%;

No strong magnetic field interference except the Earth's magnetic field.