



Online Turbidity Sensor S-TUR032

Linksens patented low-range turbidity sensor (independent IP) – designed for online turbidity monitoring in waterworks, secondary water supply, swimming pools, water transmission networks; features stable measurement, fast response, long-term maintenance-free operation.



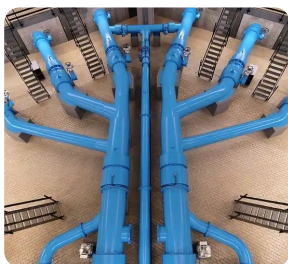
► Feature

- ◉ Compact size, convenient for system integration;
- ◉ Simple structure, easy to clean and maintain;
- ◉ Inclined light window, not easy to adhere to air bubbles;
- ◉ Sealed structure, resistant to deep water or high pressure;
- ◉ IP68 protection, portable installation.

► Specifications

Specification Item	Details
Model	S-TUR032
Measurement Range	0~20/100NTU
Resolution	0.001NTU
Lower Limit Of Measurement	0.005NTU
Accuracy	2% or ± 0.05 NTU (whichever is greater) (based on Formazin Grade 1 standard solution at 25°C)
Repeatability	1% (based on Formazin Grade 1 standard solution at 25°C)
Zero Drift	$\leq 1.5\%$
Indication Stability	$\leq 1.5\%$
Measurement Method	90° light scattering method (ISO 7027)
Light Source	860nm laser LED
Calibration Method	Factory-calibrated, using default calibration curve;
Protection Rating	IP68
Operating Pressure	≤ 0.6 MPa or water depth ≤ 60 meters
Operating Temperature	-5°C~45°C
Operating Voltage	DC 9~28V
Peak Power	5W
Enclosure Material	ABS+POM
Digital Output	RS485 Modbus
Single-Point Calibration, Formazin Two-Point Calibration, 2 To 6-Point Custom Calibration	Factory calibrated,using default calibration curve; single-point calibration,Formazin two-point calibration, 2 to6-point custom calibration

► Scenario



Waterworks



Ewage plants



Surface water



Industrial fields