

S20-SWW

Suspended Solids / Turbidity Sensor

Get better control of your Stormwater run-off. Bringing sophisticated process control suspended solids sensors to Stormwater and Waste.

- Four beam self compensating sensor, virtually eliminates drift due to contamination or electronic ageing.
- Immersion style.
- Simple user interface.
- Accurate, repeatable & reliable.
- Connect directly with 4-20mA and Modbus RS485



S20 Measurement Range, 0 to 10g/L normal activated sludge.

S20-SWW immersion

Immersion style sensors are designed for continuous on-line monitoring of suspended solids in Stormwater monitoring and Waste Water installations.

Sensor calibration

Simple 2 point calibration using simple PC USB interface.

Applications include;

- Stormwater sediment runoff monitoring
- Flocculant dosing and control
- Wastewater monitoring and control

Specifications

Measuring Range	Immersion Sensor: 0 to 10 g/L in normal activated sludge (the measuring range will vary according to media and particle characteristics)
Accuracy	+/- 2% of reading
Repeatability	+/- 1% of reading
Temperature	0 to 50°C operating range
Pressure	5 Bar
Cable	Polyurethane covered cable rated to 95°C. Extension cables can be supplied to extend the cable up to 100m.
Outputs	Modbus RS485 <i>or</i> 4-20mA, Modbus RS485 and 1 x solid state relay
Power Requirement	0.25W at 5V for Modbus only <i>or</i> 9 to 32V for 4-20mA and Modbus

Model No. Selection Guide

Body Style	S20-SWW- Immersion Body
Wave Length	880nm - Standard.
Body Material	PP - Polypropylene
Cable	10- Supplied with a 10m cable as standard. Other lengths available
Connector	NC- No Connector. Cores stripped and crimped for direct connection with power, communications or HMI

Sample model no; S20-SWW-880-PP-10-MB

Optional Extras Jet attachment - powered using air at 5Bar.

Calibration Shipped with PC based App and USB Dongle for simple 2 point calibration

