WA 400 - SS/MLSS

The concentration of suspended solid is a very important process parameter for sludge treatment process. WA400 SS sensor is used for the optical measurement of suspended solid in industrial water and process up to 30 g/l. WESS offer most reliable and stable measurement thanks to the digitalized optic technology.

Product Features

1. High level of measuring reliability with optical infrared technology (880 nm)
2. 90° scattering method for suspended solid
3. Stainless steel 316 sensor body
4. No moving mechanical parts with efficient cleaning system
5. Measurement pre-processed in the sensor which provides high sensitivity in low-signal transmission

Applications

1. Sludge from biological processes
2. Chemical industry
3. Paper mills
4. Food industry
5. Extraction system: Quarries, Tunnels, Aggregate extraction

Specification



S461/S

Model	S461/S
Measuring range	0 ~ 30g/L
Measuring method	Absorption of light
Precision	±3% of the F.S.
Repeatability	98%
Response time	5 sec. to reach the 90% of the value
Operating Temp.	0 ~ 60℃
Max. pressure	4 bar
Body material	Black PVC and AISI 316
O-ring	Viton®
Mechanical protection	IP68 (Sensor, Cable)
Power supply	12 ~ 24Vdc
Power consumption	Max. 3W
Cable	10m integral with the sensor
Calibration	By points
Signal interface	Modbus RTU Standard Protocol RS485 (4~20mA optional)