

## Online Turbidity Analyzer

Type	Turbidity Monitoring
Measuring Technique	Infrared Duo scattered light technique for color - independent turbidity measurement
Measuring Range	0 to 1000 NTU
Unit	User selectable : NTU, FNU
Accuracy	Without calibration < 5% of the measured value $\pm 0.01$ NTU/FNU With calibration < 1% of the measured value $\pm 0.01$ NTU/FNU
Repeatability	< 1%
Response Time	1s < T90 < 300s (adjustable)
Power Supply	24 V DC
Display	Backlit LCD display of turbidity value
Output	4-20 mA
Cleaning System	Automatic wiper cleaning system
Time interval for cleaning	User selectable
Degree of protection	Sensor : IP68 Transmitter : NEMA 4X / IP66
Calibration Standard	With Standard solution
Flow	Max 3m/s
Operating Temperature	0° to 50° C
Pressure Range	1 bar Or 10m
Material	Optics carrier & sleeves : PVC Wiper arm: Stainless Steel Wiper Blade: Silicon Rubber Wiper Shaft: Stainless Steel Window and light guide : Sapphire Glass O ring (Optics Carrier & Wiper Window) : NBR Sensor Connection plug (hard -wired) : Type M12 enclosure rating IP 67 Threaded Cable Fitting : Stainless Steel
Cable Length (Sensor to Controller)	10 m
Mounting	Sensor : For immersion in open launder Transmitter : Outdoor
Application	Slime Thickener Thickener Overflow (pH:5.5-7.5 , Density:1-1.2 gm/cc) Pyrolysis Thickener Overflow (pH:5.5-7.5 , Density:1-1.2 gm/cc)
Make	Hach, Forbess Marshall, Eutech, Thermoscientific, ColeParmer, Endress + Hauser