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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%
Respose 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 slectable
Degree of protection	Sensor : IP68 Transmitter : NEMA 4X / IP66
Calibration Standard	With Standard solution
Flow	Max 3m/s
Opearateing 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 enclosre rating IP 67
Theaded Cable Fitting : Stainless Steel	
Cable Length (Sensor to Controller)	10 m
Mounting	Sensor :For emersion in open launder
	Transmitter : Outdoor
Application	Slime Thickner Thickner Overflow (pH:5.5-7.5 , Density:1-1.2 gm/cc)
	Pyrolisite Thickner Overflow (pH:5.5-7.5 , Density:1-1.2 gm/cc)
Make	Hach,Forbess Marshall,Eutech,Thermoscientific, ColeParmar,Endress + Hauser

