

Turbidity Controller



SPECIFICATIONS

Range
4.000 / 400.0NTU - 40.00/4000NTU
4.000 / 400.0 mg/l - 40.00/4000 mg/l
9.999/999.9ppm - 99.99/9999ppm
Resolution
Zero of the probe
Sensitivity
Filter software 90%RT; 5/2000s for small / large variations
Set point A/b: ON - OFF
Hysteresis : 0/10 % of the scale
Relay delay : 0.0 / 99.9s
Relay contacts : 5A, 220V
Low / High : alarm : 0 to full scale
Auto clean : Manual / Auto
Analog output : 0/4 - 20mA isolated
Response time : 10s for 98% of input
R max : 600 ohm
Humidity : 95% without condensate
Power 110 / 220V ac +/- 10% 50/60 Hz 5VA max
Isolation : 4000V
Dimensions : 96x96x155mm (1/4 DIN)

Input from preamplified sensor

Manual & Automatic operation

Dual Filter software

0/20 or 4/20mA selectable output, programmable on the scale

2 set point with min / max function, hysteresis and adjustable delay

Alarm : min / max turbidity, set point timing, dirty lens, empty cell, external light too high

Check signal of Dirty lens

Autoclean relay with programmable cycle repetition, cleaning and holding time

Easy to use software with 3 access levels: display, calibration and configuration of process parameters

Additional Features

Manual , Automatic & Simulated operating mode

Adjustable coefficient for mg/l / NTU both PSL and SiO₂

Manual or Auto Zero calibration

Fine adjustment of the analog output

On / off of the hold of the analog output during the calibration

Burned lamp alarm

Continuous or flashing alarm