TURBIDITY METER

SENSE MEASURE CONTROL

Turbidity is the measure of native clarity of a liquid. It can also be defined as the measure of the degree to which the water losses its transparence due to the presence of suspended particulate. The more total suspended solids in the water, the higher the turbidity. Turbidity is considered as a good measure of the quality of water.

TB 650
Range: 0 to 2000 NTU
Resolution: 1

WHY CHOOSE THIS METER

- **TRACEABILITY** to National Standards
- **PUSH BUTTON FRONT KEYS** for easy set up
- **INDIVIDUAL HIGH & LOW SET POINT RELAY**
  for alarm or signal to PLC
- **PROGRAMMABLE CONTROL DELAY TIME**
  to prevent chattering
- **HYSTERISIS TO PREVENT RELAY CHATTERING**
  Hysterisis is the percentage of set point below/above which relay will reset after getting energized
- **IN-BUILT DIAGNOSTICS** for wrong calibration or sensor error
- **IN-BUILT ALARM ANNUNCIATOR**
  It's a facility to acknowledge high/low fault condition and reset relays by pressing the acknowledge key
- **MANUAL/AUTOMATIC** relay reset options

Turbidity sensor

A trusted reputation for delivering quality products!

TB 650 Turbidity Meter

Physical dimensions	105 x 105 x 130mm
Cut-out size	90 x 90mm
Enclosure	ABS weather proof IP- 65
Mounting	Field/ Pipe/ Panel
Input supply	230 V A.C./110 V A.C./ 24 V D.C.
Alarms	Separate LED indication for high & low
Control operation	Alarm/ auto reset/ control
Accuracy	± 2% FSD
Calibration/set point	Using front keypad
Display	4 digit 7 segment LED display
Output	4-20mA (optional) RS 485 (optional)
Relay	Individual high & low relay 5A@ 230V (programmable through entire range with set-able control delay & hyteresis)

Turbidity sensor

Overall Dimensions	88mm (L) x 38mm (W)
Type	Online
MOC	Norryl
Process Connection	20 NB M
Cable	1 Core Shielded 3 meter
Cable Termination	0.75mm² lugs
Max. Temperature	0-60°C
Max. Pressure	5 Kg/Cm²

Available with:

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