INDION TU7100 TURBIDITY

(Monitor/transmitter/controller)

The new INDION instrument is a powerful turbidity monitor and transmitter studied to fit a broad range of applications included ultra filtration water process.



FG code : ZNL01QPTNA00000
Model no: TU7100

Additional Key Features:

1. The turbidity and suspended solid measurement follows the Nephelometric method. A light beam is sent in the sample through optical lens.
2. The 90 degree scattered light by suspended particle is collected by the probe through a second lens, detected and converted in an electric signal proportional to the turbidity of the sample.
3. The probe TU 7170 uses an infrared light and the measuring is not affected by the color of sample. The probe includes IR light source, detector of the control signal from the surface of the lens and preamplifier

Technical Specifications:

Transmitter/Monitor/Controller	Panel Mounted
Measuring Range (Turbidity)	4-400 NTU- 40/4000 NTU
Sensitivity:	Sensitivity of Range 4/400 NTU or 40/4000 NTU : 80.0%/120.0%
Resolution:	0.05 % of scale
Operating Temperature:	0/50 °C
Humidity	95% without condensation
Outputs	
Current Output	0-20mA/4-20mA with response time 10sec for 98%
Maximum Loop Impedance	600Ω
Relay output	Relay A & Relay B User selectable ON/OFF proportional frequency output, NO/NC Switching
Alarm	Relay C (low value & high value)
Cleaning Function:	Relay D (A, B, C Relays will be deactivated & Analog output in holding)
Hysteresis	User Selectable
Relay Delay	0.0/99.9 sec
Electrical data	
Input Power Supply	110-230 VAC ± 10% 50/60 Hz
Display	
LCD	LC Full Graphic Display
Case/ Accessories	Anodized Aluminum Case/ Fixing Clamp
Contrast	User selected , 5 level
Materials	
IP Rating	IP 54
Mechanical Specifications	
Dimensions (H x W x D)	HWD (91.5X91.5X150)mm

For more information write to us at: inst.soles@ionexchonge.co.in

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice.
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