INDION TU 7170
TURBIDITY SENSOR

The new INDION TU 7170 Turbidity Sensor is used to satisfy a broad range of applications like Residual Chlorine, Free Chlorine. Suitable for drinking water, industrial and treated waste water turbidity measurements. Suitable for activated sludge waste water treatment plants suspended solids measurements. Ready to operate with compressed air auto clean system on the optical surfaces. Made in PVC with built-in electronics to interface TU 7100 controllers EN 27027 - ISO 7027 Nephelometric method with 890 nm infrared lamp source.



Connections:

Red – (-12v)
Green – (+12v)
Blue – control led
Brown – 0
Yellow – hi turbidity signal
Copper – shield
White – check signal
Grey – lo turbidity signal

FG code: ZRT01FFADA00000
Model no: TU7170

Technical Specifications:

Types	Flow
Range:	0/2000 NTU 0/4000 NTU
Accuracy :	10% of reading on 2000 NTU 10% of reading on 4000 NTU
Resolution:	1 on scale 0/2000 0/4000 NTU
Response Time::	10 seconds
Max Pressure:	6 bar @ 20°C
Power :	+/- 12Vdc from TU 7100
Flow Assy Material:	Delrin
Measuring Method:	Nephelometric
Optical Lens:	Acrylic
Preamplifier:	Built-in
Operating Temperature:	0-50 ºC
Mounting Type/Accessories:	Flow/Flow Chamber
Connector	IP 67
Diameter:	40mm
Air Line Connector:	¼” I/E 3/8”
Cable Length:	Standard 10 mtrs

Other Industry:

For drinking water plants, Food & Beverages, Chemical Industry, Pharmaceuticals, Reverse Osmosis, Treated water,
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