

Turbidimeter

Turbidimeter in flow through enclosure with integrated measuring transducer

Article-No
461 6130



Properties and performance

- Turbidimeter with scattered light measuring method
- ready for connection in flow through enclosure
- integrated measuring transducer, output analog or digital
- easy to handle

Applications (exemplary)

- process control
- water quality management
- drinking water control

Technical data

range	0 – 1000 NTU
Measurement principle	Nephelometry (90 degrees)
accuracy	2 % of reading or +/- 0.02 below 40 NTU 5 % of reading above 40 NTU
resolution	0.0001 Selectable
response time	Adjustable (5 to 500 seconds) (0 – 1000 NTU)
input pressure	1 – 200 psi (built in regulator set at 15 psi)
standard outputs	4 – 20 mA Galvanic Isolated or RS-485
RS-485 protocols	Modbus, HF Simplebus, HF Online Interface
light source	White Light
user alarms	2 High / Low Alarms
alarm contacts	FORMC 250 VAC 2A
display	Multiline Custom Backlight LCD
security code	Prevents unauthorized access
built in diagnostics	Yes
storage temperature	- 4° F to 140° F (-20°C to 60°C)
operating temperature	32° F to 122° F (0°C to 50°C)
wetted surfaces	Nylon, Borosilicate Glass, Silikon, Polypropylene, Stainless Steel
enclosures	Designed to meet NEMA 4X, IP66
outdoor installation	32° F to 122° F (0°C to 50°C)
certifications	USEPA, ISO 180.1
dimensions	14" x 12" x 12" (35 cm x 30 cm x 30 cm)
shipping weight	2.5 kg (5.5 lbs.)

