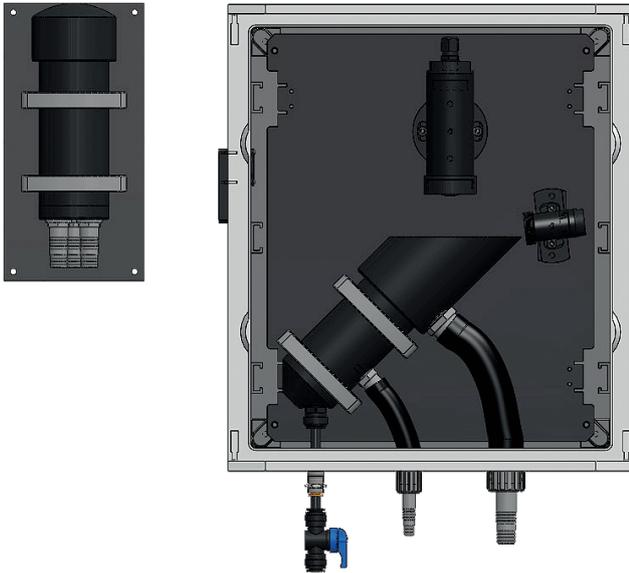


NEPHELOMETRIC TURBIDITY MEASURING CELL



S461 N Nephelometric cell



General features **S461 N**

Turbidity measurement without contact with the sample.

90° scattering method compliant with ISO 7027 / EN 27027 with visible light beam.

Black rigid PVC sensor body.

Optional debubbler device applicable externally.

No mechanically moving parts.

Measurement pre-processed in the sensor which provides high sensitivity in low-signal transmission.

Applications

Measuring turbidity in primary water upstream of treatment plants, industrial or municipal water treatment plant discharge

Technical specifications

Measuring ranges	0...100 NTU / 0...1000 NTU (optional 0...9999 NTU)
Measuring method	Nephelometric
Resolution	0.1 NTU for 0...100 NTU range 1 NTU for 0...1000 NTU range
Accuracy	±10% f.s.
Maximum flow rate	60 l/h
Operating temperature	0...50 °C
Maximum pressure	0.5 bar
Materials	ABS case Black PVC measuring cell, receiver assembly and spotlight assembly
O-ring	NBR and Silicon
Optics	Special Glass with oleophobic treatment
Power supply	24Vdc
Power consumption	max. 5W
Cable	5m with connector
Calibration	1-point for scale
Signal interface	Modbus RTU Standard Protocol RS485

Controllers

Sensors

Analysers

Samplers

Flow

Level

Pressure

Web remote control

Acc