

S462 PW

The measuring principle of the probe is based on the deviation of the light produced by the suspended particles in the liquid. The absence of contact with the measuring liquid and the LED optical technology makes the system stable over time and minimises the need for recalibration. Suitable for water treatment, filtration or decantation plants, wastewater refining for agricultural or industrial reuse, swimming pools and the food industry, especially wine and beer production.



Technical features

Measurement range 0 – 10 NTU/FTU

Measurement method Scattered light

Operating temp 0 – 45°C ;

Maximum pressure 6 bar

Body material PVC black

Optics and sensor 180° positioned and flange mounted in PVC

Mechanical connection 2 female threads of 2 "and 1/2"8x12mm quick coupling

Power supply 12 – 24 Vdc (external adapter)

Electrical connection 5-metre bipolar cable for projector and receiver connection on external adapter

Electric output 4 – 20 mA (industrial std)

S461 LT

Sensor suitable for low turbidity levels; made of PVC with 4-20 mA output. Guaranteed accuracy and short response time. Suitable for water-treatment, swimming pools and drinking-water applications.



Technical features

Measurement range 0 – 10 NTU

Measurement method Scattered light at 90°

Operating temp 0 – 50°C

Maximum pressure 4 bar

Body material PVC black

Seals Viton and silicone

Optics Special glass with oleophobic treatment

Mechanical connection 1" GAS (Ø 42 mm); IP68

Power supply 12 – 24 Vdc

Electrical connection 10 m cable

Electric output 4 – 20 mA

S461 LT SS

Sensor suitable for low turbidity made of steel with 4-20 mA output. Guaranteed accuracy and short response time. Suitable for the food industry and the beverage packaging sector.



Technical features

Measurement range 0 – 10 NTU

Measurement method Scattered light at 90°

Operating temp 0 – 50°C

Maximum pressure 4 bar

Body material SS316 L

Seals Viton and silicone

Optics Special glass with oleophobic treatment

Mechanical connection 1" GAS (Ø 42 mm); IP68

Power supply 12 – 24 Vdc

Electrical connection 10 m cable

Electric output 4 – 20 mA

S461 MT

Low / medium-turbidity sensor in PVC, with 4-20mA output. Guaranteed accuracy and short response time. Suitable for untreated water, well water, surface water and wastewater.



Technical features

Measurement range 0 – 100 NTU

Measurement method Scattered light at 90°

Operating temp 0 – 50°C

Maximum pressure 4 bar

Body material PVC black

Seals Viton and silicone

Optics Special glass with oleophobic treatment

Mechanical connection 1" GAS (Ø 42 mm); IP68

Power supply 12 – 24 Vdc

Electrical connection 10 m cable

Electric output 4 – 20 mA

S461 ST

Sensor suitable for medium / high-turbidity values; made of PVC and equipped with 4-20mA output. Guaranteed accuracy and short response time. Suitable for untreated water, well water, surface water and wastewater.



Technical features

Measurement range 0 – 1000 NTU

Measurement method Scattered light at 90°

Operating temp 0 – 50°C

Maximum pressure 4 bar

Body material PVC black

Seals Viton and silicone

Optics Special glass with oleophobic treatment

Mechanical connection 1" GAS (Ø 42 mm); IP68

Power supply 12 – 24 Vdc

Electrical connection 10 m cable

Electric output 4 – 20 mA

S461 HT

Sensor used for high-turbidity values; made of PVC, with 4-20mA output. Guaranteed accuracy and short response time. Suitable for sludge treatment.



Technical features

Measurement range 0 – 4000 NTU

Measurement method Scattered light at 90°

Operating temp 0 – 50°C

Maximum pressure 4 bar

Body material PVC black

Seals Viton and silicone

Optics Special glass with oleophobic treatment

Mechanical connection 1" GAS (Ø 42 mm); IP68

Power supply 12 – 24 Vdc

Electrical connection 10 m cable

Electric output 4 – 20 mA