

Turbidity/Suspension/MLSS Sensors


innoSens 810T/815T/810S

JENSPRIMA turbidity sensors have been developed based on the 90 ° light scattering principle in accordance with EN ISO 7027. When light passes through a solution, part of it is absorbed and scattered, and the other part passes through the solution, which makes it possible to measure the turbidity/suspended matter of a water sample by measuring the intensity of the scattered light from the particles in the water.

Applicable Controllers

innoCon 6800T-1 Touch Screen Controller、innoCon 6800T-2 Touch Screen Controller、Flumsys 10TC Controller


Order No.: 35-0810-02



innoSens 810T
Turbidity
Suspension
Sensors

Measuring range: 0-4000NTU
Resolution: 0.1NTU, 0.1mg/L, 0.1ppm
Accuracy: ±2%f.s.
Size: 42mm diameter, 120mm length
Threaded connection: 1"GAS
Cable: 10m as standard
Pressure: Max.4bar
Operating temperature: 0-60°C
Protection class: IP68
90° light scattering technology, 316L/PVC material


Order No.: 35-0815-00



innoSens 815T
Turbidity
Suspension
Sensors

Measuring range: 0-4000NTU
Resolution: 0.01/0.1NTU
Accuracy: ±3%
Automatic cleaning: Scraping brush
Size: 42mm diameter, 160mm length
Threaded connection: 3/4"NPT
Cable: 10m as standard
Pressure: Max.3bar
Operating temperature: 0-45°C
Protection class: IP68
90° light scattering technology, 316L/PVC material, automatic scraping function

Order No.: 35-0810-01



innoSens 810S
MLSS
Sensors

Measuring range: 0.0-30.0g/L
Resolution: 0.1g/L
Accuracy: ±3%f.s.
Size: 42mm diameter, 210mm length
Threaded connection: 1"GAS
Cable: 10m as standard
Pressure: Max.4bar
Operating temperature: 0-60°C
Protection class: IP68
90° light scattering technology, 316L housing, special optical glass

