


# 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

<p><b>innoSens 810T</b> Turbidity Suspension Sensors</p>  <p>Order No.: 35-0810-02</p>	<p>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</p>
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<p><b>innoSens 815T</b> Turbidity Suspension Sensors</p>  <p>Order No.: 35-0815-00</p>	<p>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</p>
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<p><b>innoSens 810S</b> MLSS Sensors</p>  <p>Order No.: 35-0810-01</p>	<p>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</p>
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