



a direct suspended solids measurement  
for accurate process control

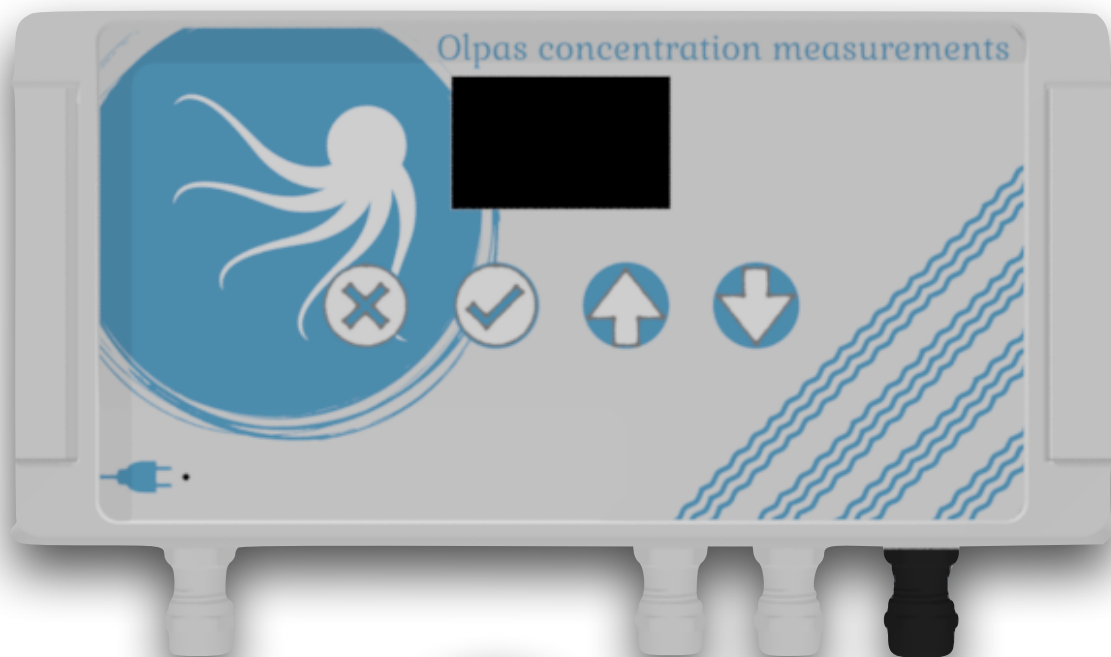
## Olpas Sensors - Product range

# Wastewater Treatment: Inline

Measurement technique: **Ultrasound backscattering**

Mounting transducer: **Inline**

Transducer, Calibration, Dataprocessor and Mounting options



Website: [www.olpas.tech](http://www.olpas.tech) / Get in touch: [info@olpas.tech](mailto:info@olpas.tech) / Or call us at +32 476 945 176



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### Wastewater Treatment: Inline

Olpas OTD-MLSA & OTD-TSSA product range  
Transducer with Calibration + Dataprocessor + Inline mounting options

OTD-MLSA Range	True-MLSS™ / (activated) sludge concentration		
OTD-TSSA Range	True-TSS™ concentration		
<b>Measurement technique</b>	Ultrasound backscattering		
<b>Measurement</b>	True-MLSS™ / Sludge Concentration True-TSS™		
	<table border="0"> <tr> <td><u>Requirements:</u> Free depth of +/- 60 mm (80 µs echo) Direct contact with fluid</td> <td><u>Independence/insensitive:</u> Fluid colour and fluid velocity Solids form and structure</td> </tr> </table>	<u>Requirements:</u> Free depth of +/- 60 mm (80 µs echo) Direct contact with fluid	<u>Independence/insensitive:</u> Fluid colour and fluid velocity Solids form and structure
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<b>Mounting</b>	Flange, mounting adaptor, vertical or horizontal (Inline) 1/2" NPT 1" NPT M20x1.5 (Male metric thread) To any flanges: DIN, ANSI, EN, ...		
<b>Output</b>	0 - 10 V / 4 - 20 mA / rs485 / OLED Display Optional integration into existing IoT-solutions		
<b>Power</b>	24 V (9 - 36 V) - 0.6 A (15 W)		
<b>Transducer</b>	Ultrasound / Reduced fouling / RVS / Cable: 2 - 6 m Length: 90 mm, diameter: 10 mm Easy replaceable, Guaranteed lifetime: +12 mths -20 °C - 90 °C, max. 6 bar		
<b>Callibration</b>	Callibration for MLSS, Sludge, TSS		

#### Product variations: Transducer with Calibration + Dataprocessor

OTD-MLSA-001	MLSS/ (activated) sludge concentration: 0 - 5 g/L
OTD-MLSA-002	MLSS/ (activated) sludge concentration: 0 - 10 g/L
OTD-MLSA-003	MLSS/ (activated) sludge concentration: 0 - 20 g/L
OTD-TSSA-001	TSS concentration: 0 - 100 mg/L
OTD-TSSA-002	TSS concentration: 0 - 500 mg/L
OTD-TSSA-003	TSS concentration: 0 - 1.000 mg/L
OTD-TSSA-004	TSS concentration: 0 - 10.000 mg/L
OTD-CUSA-00X	Custom concentration range - <i>Get in touch with Olpas Customer Support</i>

#### Product variations: Inline mounting options

OM-MNTA-X01	1/2" NPT
OM-MNTA-X02	1" NPT
OM-MNTA-X03	M20x1.5 (Male metric thread)
CUSTOM	Custom or flange mounting: <i>Get in touch with Olpas Customer Support</i>