



# Optical TSS sensor with low maintenance

RELIABLE OPERATION, NO TEAR AND WEAR PARTS



a xylem brand

# Measure suspended solids to calculate the sludge age

## Advantages:

- Low maintenance by integrated ultrasonic cleaning
- No exchange of O-rings or movable parts
- Service contract not mandatory
- High operational safety (sensor check function)

The ultrasonic cleaning system ensures the low-maintenance and continuously reliable measuring operation.

left:  
ViSolid® 700 IQ;  
right:  
seawater model  
ViSolid® 700 IQ SW



Without ultrasound cleaning system



With ultrasound cleaning system

## Technical Data

Model	ViSolid® 700 IQ (SW)		
Measuring principle	Scattered light measurement		
Messbereich	SiO <sub>2</sub>	0.01 ... 300 g/l	0.001 ... 30%
	TSS	0.003 ... 1000 g/l	0.0003 ... 100%
Cleaning procedure	Integrated ultrasonic cleaning		
Operational temperature	0 ... +60 °C		
Permissible overpressure	10 bar		



for Systems  
2020 and  
282/284

## Ordering Information

Model	Description	Order No.
ViSolid® 700 IQ	Digital suspended solids sensor with integrated ultrasonic cleaning (please order cable separately)	600012
ViSolid® 700 IQ SW	Like ViSolid® 700 IQ, but as a sea water model	600013



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