



Optical Turbidity Sensor with Low Maintenance

RELIABLE OPERATION, NO TEAR AND WEAR PARTS



a xylem brand

Turbidity monitoring, e.g. in the outlet of a wastewater treatment plant

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:
VisoTurb® 700 IQ;
right:
seawater model
VisoTurb® 700
IQ SW



Optical measurement windows and sapphire disc with ultrasound cleaning system



Sensor without and with ultrasound cleaning system after 30 days

Technical Data

Model	VisoTurb® 700 IQ (SW)	
Measuring principle	Nephelometric procedure according to DIN EN 27027 and ISO 7027	
Messbereich	FNU	0.05 ... 4000
	SiO ₂	0.1 ... 4000 mg/l
	TS	0.0001 ... 400 g/l
Cleaning procedure	Integrated ultrasonic cleaning	
Operational temperature	0 ... +60 °C	
Permissible overpressure	10 bar	

IQ
SENSOR NET
for Systems
2020 and
282/284

Ordering Information

Model	Description	Order No.
VisoTurb® 700 IQ	Digital turbidity sensor with integrated ultrasonic cleaning (please order cable separately)	600010
VisoTurb® 700 IQ SW	Like VisoTurb® 700 IQ, but as a sea water model	600011



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