

Nephelometric sensor according to ISO 7027 for the automatic and continuous measurement of turbidity.  
For use with AMI Turbiwell transmitter.

Application examples

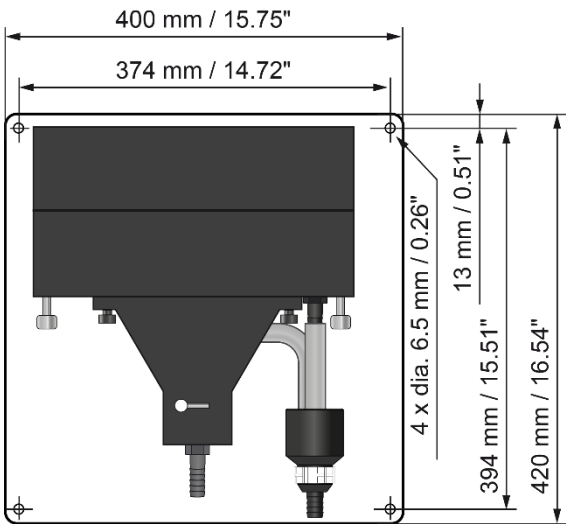
- For applications in potable water, surface water treatment and effluent.

Measuring range

- 0.000 – 200 FNU/NTU.

Instrument features

- Non-contact measurement:  
optical system is not in direct contact with the sample, no fouling on optical surfaces.
- Heated optics prevent condensation.
- Manual or automated draining of the sample chamber for removal of sediments.
- Easy cleaning of sample compartment.
- Factory calibrated with formazine.



Specifications

Turbidity measurement

Nephelometer according to ISO 7027  
Measuring range: 0.000 – 200 FNU/NTU  
Precision: ± (0.003 FNU + 1 % of reading)  
Accuracy (based on formazine):  
Range 0 – 40 FNU: ± (0.01 FNU + 2 % of reading)  
Range >40 FNU: ±5 % of reading

Panel

Dimensions: 420 x 400 x 200 mm  
Material: white PVC  
Weight: 8.0 kg

Sample conditions

Flow rate: approx. 20 – 60 l/h  
Temperature: up to 45 °C  
Sample temperature max. 20 °C over ambient temperature  
Outlet pressure: pressure free, atmospheric drain

Sample connections

Inlet: nozzle, Ø 10mm  
Drain: Ø 16 mm, tubing 15 x 20 mm

Please refer to datasheet DenA15411X00 regarding AMI Turbiwell transmitter.

Order numbers: Swansensor Turbiwell 7027		A-87.532.1_ _
Cable length	1 m .....	1
	5 m .....	5
	15 m .....	7
Drain valve	Manual drain valve .....	1
	Automatic drain valve: "Auto drain" with electrical motor .....	2
Accessories	Verification kit Turbiwell 7027 Low FNU .....	A-85.151.060
	Verification kit Turbiwell 7027 High FNU .....	A-85.151.070

