

Nephelometric turbidimeter based on ISO 7027 for the automatic and continuous measurement of turbidity.

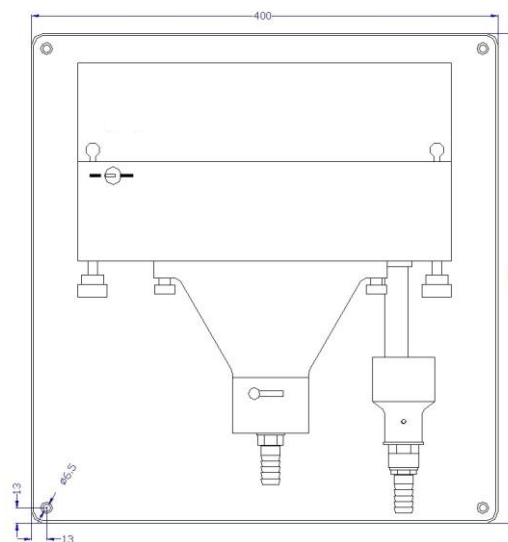
Swansensor Turbiwell 7027

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

Unaffected by fouling.

Sensor assembled with fixed cable. For the use with the transmitter AMI Turbiwell.

- Non-contact turbidimeter: System optics is not in direct contact with sample, no fouling on optical surfaces.
- Two-part turbidimeter block made of PETP with drain valve.
- Heated optics to avoid condensation.
- Sensor including optoelectronics, sample chamber and turbidimeter.
- Manual or automated draining of the sample chamber.
- Easy cleaning of sample compartment.
- Factory calibrated with Formazine.



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Specifications:

Turbidimeter:

Measuring range: 0.000 - 200.0 FNU/NTU,
Automatic range switching
Precision: ± 0.003 FNU/NTU or 1% of reading,
whichever is greater

Panel:

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

Sample conditions:

Flow rate: approx. 20-60l/h
Temperature: up to 40 °C
Sampletemp.: max. 5°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

Order scheme	Swansensor Turbiwell 7027	A - 8 7 . 5 3 2 .	1		
Cable length.....	5 m.....			5	↑
	15 m.....			7	↑
Drain valve	Manual drain valve			1	
	Automatic drain valve: "Auto-drain" with electrical motor			2	

Accessories:

A-85.151.060 Verification kit Turbiwell 7027 Low FNU
A-85.151.070 Verification kit Turbiwell 7027 High FNU

See datasheet DenA15411X0X regarding transmitter AMI Turbiwell.