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Swansensor Turbiwell W/LED

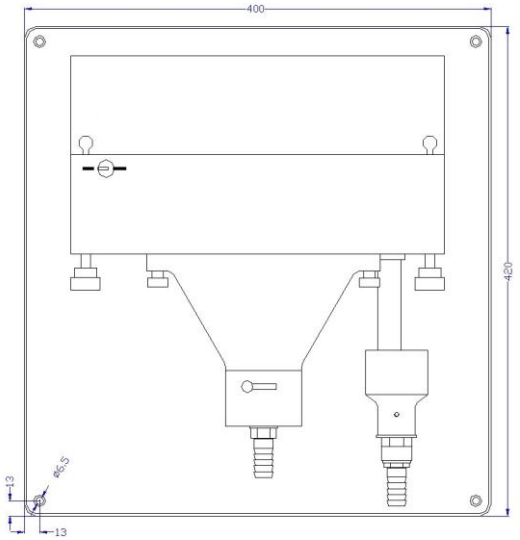
Data sheet no. DenA875322XX

Nephelometric turbidimeter based on the approved alternative method to US EPA 180.1 for the automatic and continuous measurement of turbidity.

Swansensor Turbiwell W/LED

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.
- Based on the approved “Swan AMI Turbiwell” method following the regulations of the US EPA with a white LED.
- Manual or automated draining of the sample chamber.
- Easy cleaning of sample compartment.
- Factory calibrated with Formazine.



Swansensor Turbiwell W/LED

Specifications:

Turbidimeter:

Measuring range:	0.000 - 100.0 NTU, Automatic range switching
Precision:	± 0.003 NTU or 1% of reading, whichever is greater

Panel:

Dimensions:	16.5 x 15.75 x 8.6“
Material:	white PVC
Weight:	18.0 lbs

Sample conditions:

Flow rate:	approx. 5-16gal/h
Temperature:	up to 104 °F
Sampletemp.:	max. 9°F over ambient temperature
Outlet pressure:	pressure free, atmospheric drain

Sample connections:

Inlet:	¼” thread / nozzle Ø 0.39”(10mm)
Drain:	½” thread / Ø 0.62”(16 mm), tubing 0.59 x 0.78” (15 x 20 mm

Order scheme	Swansensor Turbiwell W/LED	A – 8 7 . 5 3 2 .	2		
				↑	↑
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-85.151.065	Verification kit Turbiwell W/LED Low NTU
A-85.151.075	Verification kit Turbiwell W/LED High NTU

See datasheet DenA15411X0X regarding transmitter AMI Turbiwell.