

S SERIES OCEANOGRAPHIC pH SENSOR

The S Series pH Sensor uses ANB's patented technology to provide a pH sensor which is calibration free and does not suffer from reference electrode drift during its entire deployment.

- Unique algorithms provide the end user with real time health and performance information of the sensor.
- Mechanically robust, solid state sensor can be stored wet or dry and requires minimal user intervention.
- A compact and robust package, ideal as a standalone sensor, or as an OEM kit for ROV and AUV integration, or as part of a multi sensor array and data logger system

RANGE

2-10

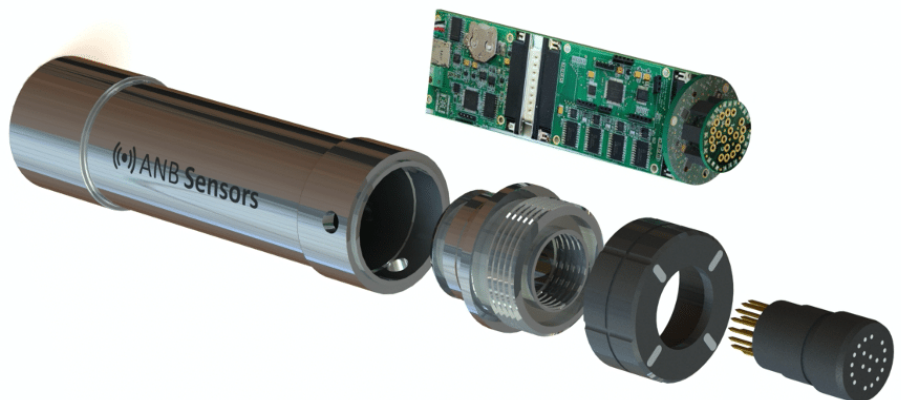
RESOLUTION

0.01 pH

ACCURACY

0.05 pH

INSTANT RESPONSE



	S1000	S1100	S1200	S1300
HOUSING MATERIAL	None	Delrin	Delrin	Titanium
DIAMETER	60 mm	90 mm	90 mm	47 mm
LENGTH	150 mm	280 mm	280 mm	175 mm
WEIGHT IN WATER	N/A	~ -0.7 kg or ~ 0.2 kg	~ 2 kg	~ 0.3 kg
WEIGHT IN AIR	~ 0.2 kg	~ 1.8 kg	~ 3.6 kg	~ 0.5 kg
DEPTH RANGE UP TO	N/A	30 Bar	100 Bar	> 200 Bar

ENVIRONMENTAL

OPERATING TEMPERATURE -5 to 40 Celsius

SALINITY RANGE > 10 ppt

ELECTRICAL

SUPPLY VOLTAGE External, 6.5 - 20 VDC

POWER CONSUMPTION Sampling ~ 180 mA

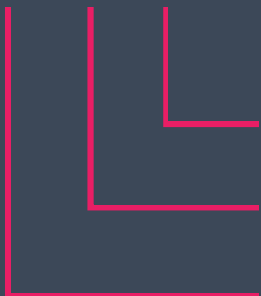
STORAGE 8 GB

COMMUNICATION RS485, RS232, USB

SAMPLING RATE up to 0.05 Hz - tailored to your application



OPERATING MODES



Continuous mode, sampling up to 0.05 Hz

Timed mode, interval from 1min up to 1 week

Polled mode, responds to data logger via simple protocol

WARRANTY PERIOD

*Sensor Unit: 12 months from the date of delivery

*Transducer Head: the earlier of (i) 90 days from the date of delivery or (ii) completion of 10,000 scans

*Connector: this is covered by the manufacturer's warranty only.

Please contact us for more information. We provide all reasonable assistance in order to ensure that Customer's get the benefit of this warranty.

Contact

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