

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 (coming soon)
HOUSING MATERIAL	None	Delrin	Delrin	Titanium
DIAMETER	60mm	90mm	90mm	47mm
LENGTH	150mm	280mm	280mm	175mm
WEIGHT IN WATER	N/A	approx. 0.2 KG	approx. 2 KG	approx. 0.3 KG
WEIGHT IN AIR	approx. 0.2 KG	approx. 1.75 KG	approx. 3.6 KG	approx. 0.5 KG
DEPTH RANGE UP TO	N/A	30 Bar	200 Bar	> 200 Bar

ENVIRONMENTAL

OPERATING TEMPERATURE -5 to 40 Celsius

SALINITY RANGE > 10 ppt

ELECTRICAL

SUPPLY VOLTAGE External, 5 - 20 VDC

POWER CONSUMPTION Sampling < 80 mA

STORAGE 32 GB

COMMUNICATION RS485, RS232, USB I2C

SAMPLING RATE 0.1 - 0.03 Hz tailored to your application



OPERATING MODES

Continuous mode, sampling up to 0.1 Hz

Timed mode, interval from 1min up to 1 week

Polled mode, responds to data logger via simple protocol

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