pH Phidget

For applications involving water quality and chemistry, this module is a great addition to your collection. You can use this adapter to measure one pH or voltage-based probe that uses a BNC connector. The ADP1000 connects to a port on a **VINT Hub**. See the “comaptible products” tab for a list of hubs.

Isolated for Stability

The VINT connector on this board is electrically isolated from the probe connection, which allows the probe to be used in a solution that is electrically noisy. For example, it could be used in a tank containing pumps and other electronic equipment without any problems.

Product Specifications

Sensor Properties	
Controlled By	VINT
?±400mV Range	
Voltage Resolution	40 ?¼V DC
Measurement Error Max	?± 0.1 %
Sampling Interval Max	60 s/sample
Sampling Interval Min	50 ms/sample
Voltage Noise	65 ?¼V DC
PHSensor Mode	
pH Resolution	0.0007
Measurement Error Max	?± 0.1 %
Sampling Interval Max	60 s/sample
Sampling Interval Min	50 ms/sample
pH Noise	0.0011
?±2V Range	
Voltage Resolution	200 ?¼V DC

Measurement Error Max	?± 0.5 %
Sampling Interval Max	60 s/sample
Sampling Interval Min	50 ms/sample
Voltage Noise	235 ?¼V DC
Voltage Sensor	
Sensor Input Impedance	1 T?©
Number of Voltage Inputs	1
Electrical Properties	
Current Consumption Min	6 mA
Current Consumption Max	* 10 mA
Physical Properties	
Operating Temperature Min	-40 ?°C
Operating Temperature Max	85 ?°C

* – Varies depending on selected data interval. See the technical section of the User Guide for details.