

# WQ201 pH Sensor

Rugged Water pH Sensor



## Features

- Submersible pH measurements
- Fully encapsulated electronics
- 4-20 mA output
- Marine grade cable with strain relief
- Stainless steel housing
- Replaceable pH element

## Applications



Ideal for stream and lake monitoring, aquaculture studies, baseline analyses, mitigation monitoring, and other environmental applications.

## Description

Global Water's WQ201 pH Sensor is a rugged and reliable water pH measuring device. The pH transmitter is mounted on 25' of marine grade cable, with lengths up to 500' available upon request. The sensor's output is 4-20 mA with a three-wire configuration. The WQ201's electronics are completely encapsulated in marine grade epoxy within a stainless steel housing. The unit also uses a removable shield and replaceable pH sensor element for easy maintenance.

## Record and Control

As with all of Global Water's 4-20 mA output sensors, you can add recording and control capabilities to the WQ201 with the GL500 Datalogger and the PC300 Controller. The GL500 connects to the pH sensor's 4-20 mA output to record data, and the PC300 Controller connects to the sensor's output to control pumps or alarms.

## Specifications

Output	4-20 mA
Range	0 to 14 pH
Accuracy	2% full scale
Maximum Pressure	40 psi
Operating Voltage	10 to 30 VDC
Current Draw	5.5 mA plus sensor output
Operating Temperature	-5° to +55°C
Warm-up Time	3 seconds minimum
Size of Probe	Open Water: 1 1/4" dia. x 10" long (3.2cm dia. x 25.4cm long) Online: 2" dia. x 12" long (5cm dia. x 30.5cm long)
Weight	1 lb (454 g)

## Ordering & Options

Order No.	Description
WQ201	pH Sensor for Open Water (includes 25' cable)
WQ201-O	Online pH Sensor (with 1" NPT thread and 25' cable)
00-449	pH Sensor Replacement
WQEXC	Extra Sensor Cable, per foot (up to 500')

Please call us for calibration standards.



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