

# 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 ft of marine grade cable, with lengths up to 500 ft 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 PC320 Controller. The GL500 connects to the pH sensor's 4-20 mA output to record data, and the PC320 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	23° to +131°F (-5° to +55°C)
Warm-up Time	3 seconds minimum
Size of Probe	Open Water: 1 ¼ in dia. x 10 in long (3.2cm dia. x 25.4cm long) Online: 2 in dia. x 12 in 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 ft cable)
WQ201-O	Online pH Sensor (with 1 inch NPT thread and 25 ft cable)
00-449	pH Sensor Replacement
WQEXC	Extra Sensor Cable, per foot (up to 500 ft)

Please call us for calibration standards.