

WQ600 ORP Sensor

Rugged Oxygen Reduction Potential Sensor



Features

- Continuous ORP monitoring
- Fully encapsulated electronics
- 4-20 mA output
- Marine grade cable with strain relief
- Stainless steel housing

Applications



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

Description

Global Water's WQ600 (Redox) ORP Sensor is a rugged and reliable ORP/Redox measuring device. The sensor is molded to 25' of marine grade cable, with lengths up to 500' available upon request. The WQ600's output is 4-20 mA with a three wire configuration. The unit's electronics are completely encapsulated in marine grade epoxy within a stainless steel housing.

Record, Control, and Display

As with all of Global Water's 4-20 mA output sensors, you can add recording, control, and display capabilities to the WQ600. The GL500 Global Logger connects to the sensor's 4-20 mA output to record data. The PC300 Process Controller connects to the sensor's output to control pumps or alarms. The EZ100 Display adds visual monitoring capabilities to the ORP sensor.

Specifications

Output	4-20 mA
Range	-500 to +500 mV
Accuracy	2% full scale
Maximum Pressure	40 psi
Operating Voltage	10 to 36 VDC
Current Draw	0.2 mA plus sensor output
Warm-up Time	3 seconds minimum
Operating Temperature	-40° to +55°C
Cable Length	25' (up to 500' from factory)
Size of Probe	Open Water: 1" dia. x 10½" long (2.5cm dia. x 26.7cm long) Online: 2.5" dia. x 15.5" long (6.3cm dia. x 39.4cm)
Weight	Open Water: 8 oz (227 g) Online: 22 oz (623 g)

Ordering & Options

Order No.	Description
WQ600	ORP Sensor for Open Water (includes 25' cable)
WQ600-O	Online ORP Sensor (with 1-1/4" NPT thread and 25' cable)
WQEXC	Extra Sensor Cable, per foot (up to 500')

Please call us for calibration standards.