

WQ101 Temperature Sensor

Rugged Water Temperature Sensor



Features

- 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 WQ101 Temperature Sensor is a rugged and reliable device for highly accurate submersible water temperature measurement. The sensor's probe is molded to 25' of marine grade cable, with lengths up to 500' available upon request. The WQ101 has a two-wire configuration for minimum current draw. The unit's electronics are completely encapsulated in marine grade epoxy within a stainless steel housing.

Specifications

Output	4-20 mA
Range	-50° to +50°C
Accuracy	±0.2°F or ±0.1°C
Maximum Pressure	Open Water: 0 to 200 psi Online: 50 psi
Operating Voltage	10 to 36 VDC
Current Draw	Same as sensor output
Warm-up Time	5 seconds minimum
Operating Temperature	-58° to +212°F (-50° to +100°C)
Size of Probe	Open Water: ¼" dia. x 4½" long (1.9 cm dia. x 11.4 cm long) Online: 1.7" dia. x 8" long (4.3 cm dia. x 20.3 cm long)
Weight	Open Water: 8 oz (227 g) Online: 9.4 oz (272 g)

Ordering & Options

Order No.	Description
WQ101	Temperature Sensor for Open Water (includes 25' cable)
WQ101-O	Online Temperature Sensor (with 3/4" NPT thread and 25' cable)
WQEXC	Extra Sensor Cable, per foot (up to 500')