

# BG-HW

## High Water Sensor

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### SPEC SHEET



## OVERVIEW

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### About

The USCG 46 CFR 28.250 & 182.530 compliant BG-HW (High Water Sensor) detects salt or fresh water and can be easily integrated into any vessel's alarm system. Water in any compartment of a vessel is a potential crisis. Early warnings of water entering the hull or leaking from plumbing is extremely important for the safety of the vessel and passengers. The BG-HW is CE and ISO 8846 Marine Ignition Protection Certified, tested to ABYC-1500 standards. Patented technology.

### Reliability

The BG-HW is a solid-state device with no moving parts or float switches that can easily be damaged. With IP-68 rated durability, the BG-HW is made with rugged, non-corrosive ABS plastic. The sensor comes with a heavy-duty mounting bracket to attach to a bulkhead or frame with #8x0.75" 316 stainless steel screws. Heavy-duty 14 gauge marine grade wires connect to the BG-JBox (Junction Box) that should be mounted high on a bulkhead, keeping the connections dry and reliable. The BG-HW has two integrated sensors that ensure a reliable and accurate detection.

### How It Works

The BG-HW triggers an alarm when high water is detected, once connected to a BG-CP (Control Panel) or any alarm system. The BG-HW has a 12 or 24 Vdc with 1 amp max alarm output.

## FEATURES

### High Water Detection

Manual test point on the sensors

### Reliability

Two integrated sensors – solid-state with no moving parts or mechanical float switches that can easily be damaged

### Integrated Bluetooth Connectivity

Connects to the BGI Config App available on iOS and Android devices

### Alarm Output

12 or 24 Vdc, 1 amp max

### IP-68 Rated Durability

Rugged, non-corrosive ABS plastic housing and mounting bracket

### Operating Voltage

12 or 24 Vdc

### Operating Temperature Range

#### Operational with Full Functionality

32°F – 158°F / 0°C – 70°C

#### Operational

-22°F – 185°F / -30°C – 85°C

### Compact Size

Without Mounting Bracket (D x H) – 4.6 in x 2.0 in

With Mounting Bracket (L x W x H) – 5.9 in x 4.6 in x 2.0 in

### Detachable Mounting Bracket

With the option to mount vertically or horizontally

### USCG 46 CFR 28.250 & 182.530 Compliant

### CE & ISO 8846 Marine Ignition Protection Certified




Tested to ABYC-1500 Standards



## WIRES

### Three Wire System

Heavy-duty 14 gauge marine grade wires, 6 ft long

-  (Black) Supply Negative / GND
-  (Yellow) High Water Alarm
-  (Red) 12 or 24 Vdc Power

## CONFIGURATION

