

BG-HW

High Water Sensor

SPEC SHEET



OVERVIEW

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, 24, or 32 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, 24, or 32 Vdc, 1 amp max

IP-68 Rated Durability

Rugged, non-corrosive ABS plastic housing and mounting bracket

Operating Voltage

12, 24, or 32 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, 24, or 32 Vdc Power

CONFIGURATION

