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Automate your Field



**BILGE LEVEL SWITCHES**

## BILGE LEVEL SWITCHES

Bilge level switches are a safety critical component for the detection of liquid in dead spaces, voids and sumps that are rarely visited or inspected by the crew. They need to be able to withstand years of installation in difficult environmental conditions, yet operate immediately and reliably to indicate rising liquid level, a leakage or flooding hazard. The switch is corrosion resistant stainless steel fully submersible construction with a hermetically sealed SPDT reed switch potted in epoxy. The switch is also designed with a manual lift test mechanism, which can be used to check switch operation.

### KEY FEATURES

- Designed and constructed for severe service applications, where absolute reliability is required for safety critical installations
- Rugged all-stainless steel design ensures reliable operation
- Compact design
- Simple installation via integral mounting bracket
- Fully submersible IP68 construction with cable resistant to marine applications
- Stainless steel slosh and debris protection shield
- ABS Type approved product



### 1.1 SPECIFICATIONS:

Material Type : 316 stainless steel : Stem, Float, Test mechanism, body plates and slosh shield

Cable : 2 meters of heavy duty XLPE sheathed 18-3 -core rated 600 V

Max. Temperature : 125°C

Max. Pressure : 12 bar

Switch : SPDT Reed form c

Max rating : 1.0 Amp AC/DC

Max. voltage : 150V AC/DC

Float SG : 0.62

Approvals : American Bureau of Shipping

### APPLICATION:

The Bilge Switch is designed to be installed in ship's bilges and tanks, industrial sumps and tanks where it would be bolted at the required alarm level.

## Installation options of a Bilge Level Switch.

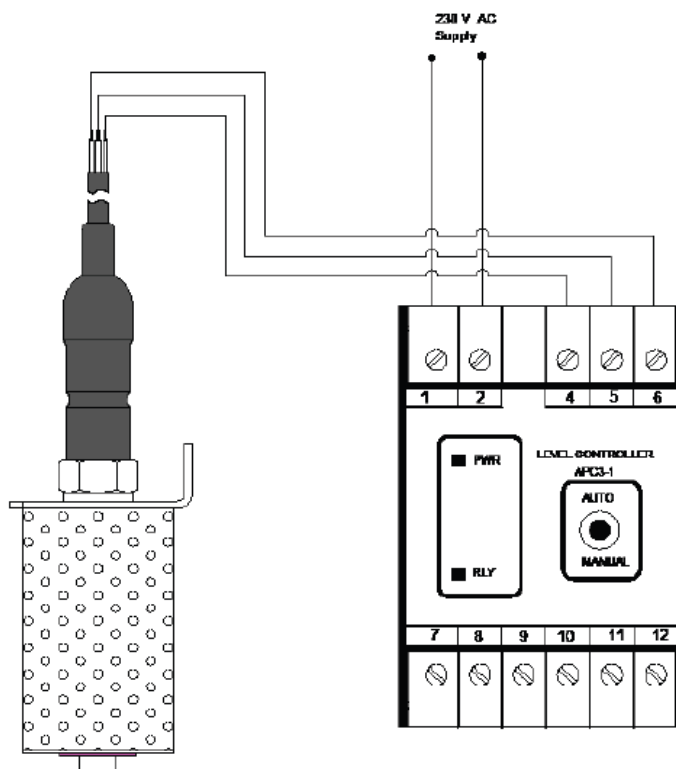
1. Bilge Level Switch mounted on a wall



2. Bilge Level Switch mounted on a pipe



## Bilge level switch connected to a Level Controller





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