

SEAFLO[®]

Alarm Control System

Instruction Manual



SFwas1-20-03
SFwas2-10-03

STANDARD CONFIGURATIONS

Model Number	Voltage	Current	Alarm volume	N.W.	Wire Gauge Size /length
SFwas1-20-03	12V DC	20 Amps. Max	≥85DB	0.2KG	16AWG/1000mm (Bilge Switch)
SFwas2-10-03	24V DC	10 Amps. Max	≥85DB	0.2KG	16AWG/100mm (Alarm Switch)

INSTALLATION

Location

1. Mount the switch vertically as shown in fig. 1 (wires located uppermost). Locate the switch as close to the pump as possible to ensure the same water level.
2. Prepare a mounting block. Do not fasten switch directly to the hull. Mounting block should be minimum 10mm(3/8") thick marine plywood epoxied to the hull.
3. Switch base may be located up to 6mm (1/4") higher, but NEVER located lower than base of the pump.

Mounting

1. Use switch base (Fig. 1) or mounting ears (Fig. 2) as a template to mark pilot holes in mounting block.
2. Set drill depth gauge to avoid drilling through hull. Drill two 3mm (1/8") diameter pilot holes.
3. Fasten switch onto mounting block with #8 x 1/2"(3.5mm diameter x 13mm) stainless steel screws (not supplied).

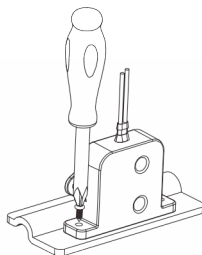


Fig 1 Using Switch Base

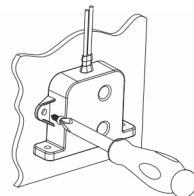


Fig 2 Using Mounting Ears

Testing

- After installation, press and hold your finger in the two recessed places for 3 seconds.
 - If wiring is correct, pump activates.
 - Remove top finger, pump stays on.
 - Remove bottom finger, pump should turn off after a short delay.
- Test with water in bilge to confirm that pump turns on and off properly. If not, reposition the switch to allow for activation.
- Regularly touch the two sensing points with your finger to check whether the function is valid.
- When there is dirt residue on the sensing point after long-term use, please clean it up in time to avoid the failure of the switch function.

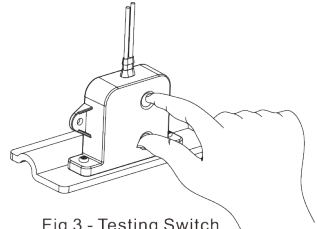
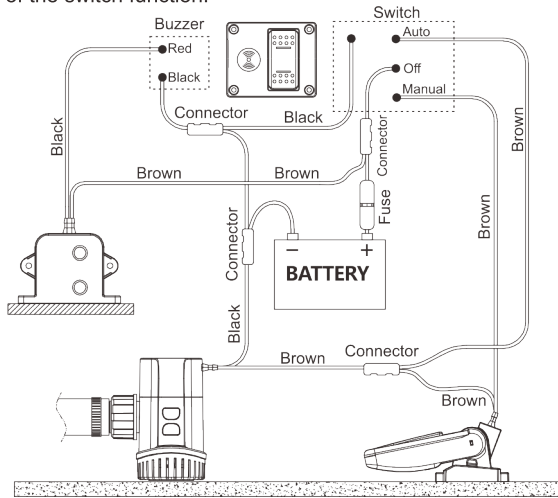
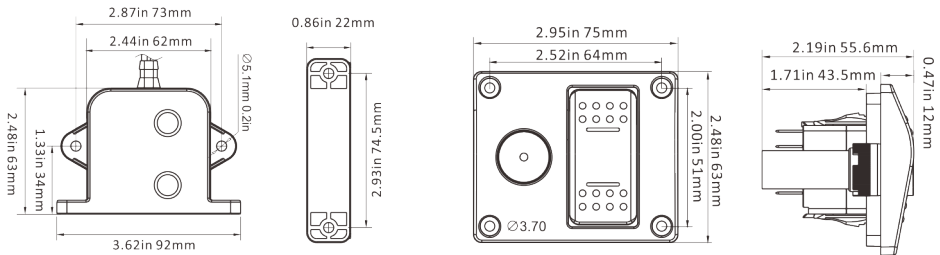


Fig 3 - Testing Switch



DIMENSION DRAWING



⚠ WARNING

- Keep all wire connections above water level. Wires must be joined with butt connectors and a marine grade sealant to prevent wire corrosion.
- Install red wires to positive terminal only and black to negative terminal only.
- Disconnect power from the system before working on the unit to avoid personal injury, damage to the surrounding environment and/or damage to the unit.
- Max working draw: 20A at 12V, 10A at 24V.