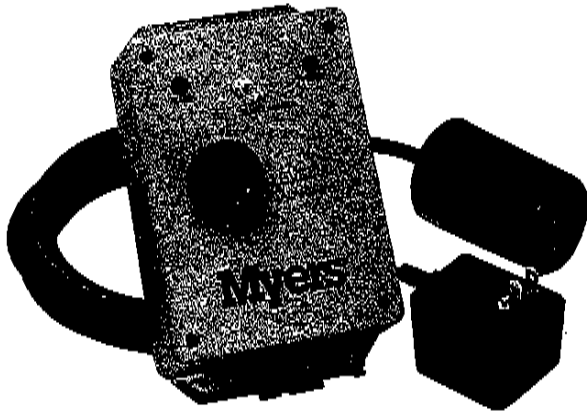
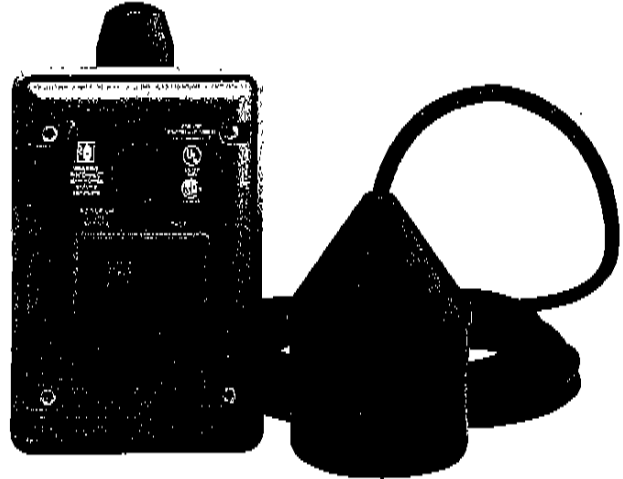


Sump Alarms

SA-1 and OSA-1
Versatile Indoor or Outdoor
Liquid Level Alarm Systems



SA-1



OSA-1

THE MYERS SUMP ALARMS ARE DESIGNED AS HIGH LIQUID LEVEL ALARM SYSTEMS. The SA-1 and OSA-1 alarm systems are engineered specifically for sump pump basins, holding tanks, sewage systems, lift pump chambers, and non-potable water systems. For more information on the Myers sump alarms contact your Myers distributor, or the Myers sales office at 419-289-6898.

BENEFITS and FEATURES

- Installs in minutes
- Quick connect terminal block
- Corrosion resistant construction
- Indoor, NEMA 1 enclosure
Outdoor, NEMA 4 enclosure
- Audible and visual (OSA-1) alarms
- Includes three power modes
 - 120 volt power source
 - 9 volt battery source (SA-1)
(battery not included)
 - 120 volt with 9 volt back-up (SA-1)
- Works during power failure (SA-1)
- UL and CSA listed power supply

TECHNICAL INFORMATION

Power Cord	6 ft. 18/3 SPT-2
Voltage	Primary, 120V, 60 Hz Secondary, 9V
Watts	5 watt alarm condition
Alarm Panel (SA-1) (OSA-1)	NEMA 1, 6" x 4" x 2" plastic enclosure with line cord NEMA 4
Float (SA-1)	2" dia. x 3" long switch
Intermittent Liquid Temp.	Up to 140°F
Switch Cord	10 ft. 18/2 SJOW (SA-1) 15 ft. 18/2 SJOW (OSA-1)
Third Party Approval	UL, CSA

WHERE INNOVATION MEETS TRADITION

Myers[®]

Pentair Water

Sump Alarms

SA-1 and OSA-1

Versatile Indoor or Outdoor
Liquid Level Alarm Systems

INSTALLING THE FLOAT SWITCH

1. Place the cord into the clamp as shown in Figure A.
2. Locate the clamp at the desired activation level and secure the clamp to the discharge pipe as shown in Figure A. Note: Do not install cord under hose clamp.
3. Tighten the hose clamp using a screwdriver. Over tightening may result in damage to the plastic clamp. Make sure the float cable is not allowed to touch the excess hose clamp band during operation.
4. Wire cable leads directly into control device as shown in Figure B.
5. Check installation. Allow system to cycle to insure proper operation. Note: All hose clamp components are made of 18-8 stainless steel material. See your Myers supplier for replacements.

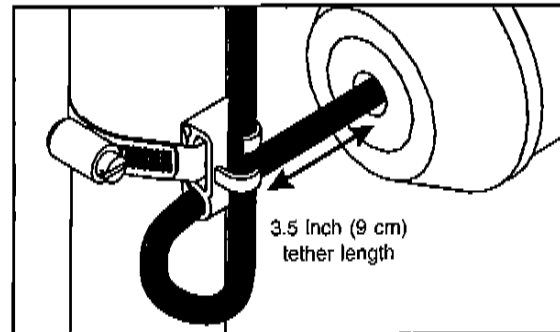


Figure A

INSTALLING THE OSA-1 ALARM

1. Mount alarm box using existing holes in back of box. To ensure watertight seal, use screws and sealing washers included with alarm. Note: Screws are to be located over wall stud or used with a wall anchor sized for a #8 x 1.25 self tapping screw.
2. Determine "conduit-in" locations on alarm as shown in Figure B. Note: when used with a pump application, connect alarm to a circuit separate from the pump circuit. This allows alarm to continue to operate if the pump circuit fails.
3. Drill holes for conduit entry, taking care not to damage bosses inside alarm box.
4. Attach conduit.
5. Bring float switch cable through conduit and wire to terminal block positions 1 and 2 as shown in Figure B.
6. Wire power conductors to terminal block positions 3 and 4 and ground wire to ground termination post as shown in Figure B.
7. If remote device is used, connect wires as shown in Figure B using supplied wire nuts.
8. Attach alarm box cover using the four pre-installed screws.
9. Turn on power. Light on switch should come on.
10. Check installation by manually tipping the float. The horn and beacon should turn on.
11. Push silence switch to test silence feature.
12. Test unit once per week to insure proper operation.

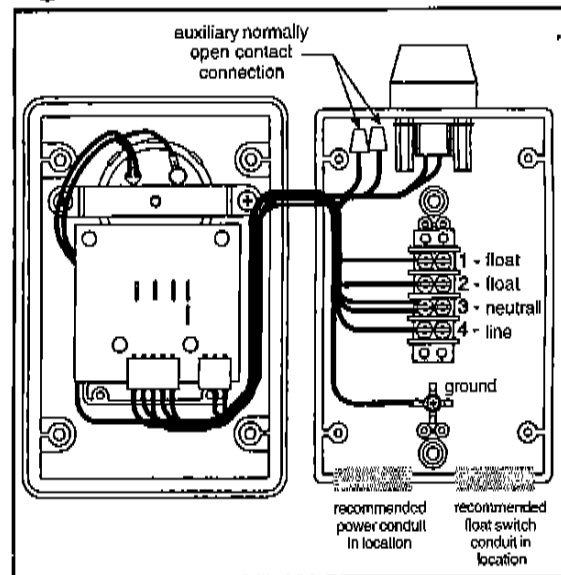


Figure B

INSTALLING THE SA-1 ALARM

1. Mount alarm panel inside building with screw using the hole located top center of the upper mounting bracket on the panel.
2. Connect the two conductor wires from the sensor float to the quick connect terminals on the bottom of the alarm panel.
NOTE: The alarm panel plugs into a standard household 120 VAC receptacle.
3. To check the alarm panel, move the H-O-A switch to the "Test" position

NOTE: The float switch operates on low voltage and is isolated from the 120V power line to reduce shock hazard. Attach float switch cable to discharge pipe with cable tie provided as shown in Figure C. Minimum tether should be 5 inches.

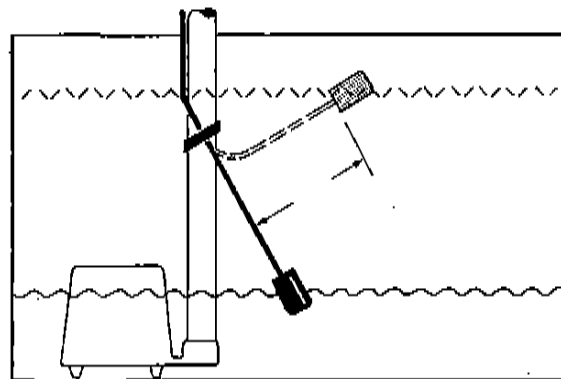


Figure C