




SHM 1

IMPORTANTSAFETYINSTRUCTIONS-SAVETHESEINSTRUCTIONSINAREADILYACCESSIBLELOCATION.

 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

 **WARNING** Never use with gasoline or highly flammable liquids.
Note: Not recommended for liquids with a specific gravity less than .85.

INSTALLATION INSTRUCTIONS



1. Remove rear cover.



2. Install 9-volt battery
onto circuit board.



3. Flip on/off/test switch
to "test" to ensure warn-
ing lights and siren are
functioning then flip
switch to "off".

4. Use exterior rated wire or UF cable to connect the alarm box to the sensor.
Connect wires to the circuit board terminals marked "REED 1-1" and "REED
1-2". All wiring connections must be made within alarm box, or probe housing.



5. Replace rear cover.
6. Flip on/off switch to
"on".



7. Use mounting holes on alarm box housing
to attach in a visible location. These mounting
holes are the only locations the housing can
be drilled through without compromising the
weatherproof seal.

Connect alarm box to probe by doing the following:

8. If necessary, discard factory supplied pipe and replace with custom pipe (maximum length 10 ft / 3 m).
9. Thread sensor wires through the ½" to ⅝" (12.7 mm to 3.17 mm) NPT PVC adaptor.
10. Attach sensor to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
11. Thread sensor wire through pvc pipe nipple.
12. Attach pipe to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
13. Thread sensor wires through housing base.
14. Attach pipe to housing base - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
15. Thread wires from the Alarm Box through the cord grip.
16. Make a wiring connection between the Alarm Box wires and the sensor wires.
17. Ensure the connection is appropriate for an exterior environment.
18. With the Alarm Box switch set to "ON", raise/lower float to verify the system goes into alarm appropriately.
19. Seal the interior hole of the cord grip with exterior silicone.
20. Install sensor cap tightly onto the sensor housing
21. Install the sensor into the tank.

TESTING / MAINTENANCE / INSPECTION



Monthly

- Remove sensor from drum and manually raise / lower float to verify system goes into alarm mode.
- Change battery when "LOW BAT" lens lights and siren chirps.

- Follow all city, state, or federal wiring code requirements as appropriate.
- Apply city, state, or federal testing regulations as appropriate.

*ANY TEST / INSPECTION FAILURE
REQUIRES IMMEDIATE EQUIPMENT
REPLACEMENT OR REMOVAL FROM
SERVICE.*

MADE IN THE USA

**ALWAYS ADHERE TO INSTALLATION / USAGE INSTRUCTIONS AND WARNINGS.**

Improper use may result in injury, damage, or hazardous spill.

**GENERAL WARNINGS / INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS:**

- Use of equipment is at individuals' own risk.
- Always abide and adhere to city, state, and federal regulations regarding use and installation of monitoring equipment.



- Always follow the product manufacturer's installation and maintenance instructions.
- Always turn off all power to alarm during maintenance activities.



- Always replace or remove from service damaged equipment immediately.
- Always report leaks / spills / accidents to appropriate authorities.



- Always wear appropriate safety equipment during maintenance and inspection activities.



- The tank contents are the sole responsibility of the drum owner.



- Never allow waste product to touch eyes or skin.



- Never install monitors outdoors without proper protection from the elements.



- Never exceed the maximum milliamps specified in manufacturer's installation and maintenance instructions.

- Never solely rely on this product; there is no substitute for human supervision.

- Never to be used as a component of any automatically controlled pump transfer system.

CAUTION: MAXIMUM PIPE LENGTH FOR BULK PRODUCT APPLICATIONS IS 10 FT / 3 M!

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN A READILY ACCESSIBLE LOCATION.

WARRANTY

Husky Corporation will, at its option, repair, replace, or credit the purchase price of any BJE® product deemed to be defective in material and/or workmanship for a period of one (1) year.

Buyer must return the products to Husky®, transportation charges prepaid. The warranty excludes damages due to malfunction, failure to follow manufacturer's installation, operation or maintenance instructions and guidelines, unauthorized modifications or alterations, abuse, or misuse.

The warranty provisions contained herein apply only to original purchasers who use the equipment for commercial or industrial purposes. There are not other warranties of merchantability, fitness for a particular purpose, or otherwise, and any other such warranties are hereby specifically disclaimed.

Husky assumes no liability for labor charges or other costs incurred by Buyer incidental to the service, adjustment, repair, return, removal or replacement of products. Husky is not responsible for any losses (including loss of profits or revenues) incurred by the purchaser during the time necessary to repair the equipment. Husky assumes no liability for any incidental, consequential, or other damages under any warranty, express or implied, and all such liability is hereby expressly excluded.

Husky reserves the right to change or improve the design of any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves without assuming any obligations to modify any Husky Oil Filter Crushers, Tank Monitors, Tank Gauges, Overfill Alarms, Overfill Accessories, Air Shut-off Valves, Solenoid Valves, and Electronic Drain Valves previously manufactured.

TROUBLESHOOTING GUIDE

Alarm Box

Siren isn't working...

1. Replace battery
2. Check wiring in the alarm box and sensor for solid connections and check for corrosion.
3. Check the float switch in the tank is activating the siren by cycling it up and down.

Siren is always on...

1. Check wiring in the alarm box and sensor for solid connections and check for corrosion.
2. Check the float switch in the tank is activating the siren by cycling it up and down.

Siren chirps intermittently...

1. Replace battery
2. Check wiring in the alarm box and sensor for solid connections and check for corrosion.
3. Look for evidence of moisture on the circuit board. If the printed circuit board has gotten wet, the alarm box must be replaced.
4. Check the float switch in the tank is activating the siren by cycling it up and down.