




007740, 007741, 008668, & 008669  
Recommended Installation, Maintenance  
and Inspection Instructions

TANK  
SENSOR

## Sentry Remote Overfill Guard Tank Sensor

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

 **WARNING** Never use with gasoline or highly flammable liquids.

### INSTALLATION INSTRUCTIONS

1. Remove eyelet connector from end of chain and save.
2. Determine tank depth in inches.
3. Stand float on end on a flat work surface alongside a measuring tape and pull chain taut to desired measurement.
4. Cut chain on mark and feed chain through bottom center hole in shaft and back out either side hole of shaft.
5. Secure chain with eyelet by crimping eyelet closed.
6. Loosen thumbscrews on sensor.
7. Slide sensor, positioning arrow just inside top of clear window.
8. Connect an ohmmeter to sensor leads.
9. Using chain, pull orange indicator to bottom of gauge and confirm circuit is open.
10. Slowly release chain tension allowing spring to raise orange indicator to its full extension.
11. Confirm circuit is now closed.
12. Tighten thumbscrews firmly, approximately 1 to 2 turns past hand tight - do not overtighten.
13. Apply appropriate sealant to the male threads of bung adaptor.
14. Slowly lower weighted float into tank and tighten gauge, approximately 1 to 2 turns past hand tight, onto tank bung.
15. Confirm orange indicator is at proper level - if tank is empty it should not be visible. (If visible, remove sight glass and depress orange indicator. Reinstall sight glass. If orange indicator is still visible, recheck measurements in steps 2 - 4 and shorten chain as required).
16. Solder (or wire nut) sensor leads then tape connections.
17. Seal hole with silicone or appropriate sealant.
18. Connect wire to printed circuit board terminals marked "FLOAT".

### TESTING / MAINTENANCE / INSPECTION



Quarterly

- Remove sensor from tank and manually raise / lower float to verify system goes into alarm mode.
- Confirm all wires are properly connected to control panel.

- 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 monitor 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.

- Always have appropriate fire extinguishing equipment within 5 ft / 1.5 m of tanks.

- Always use Teflon<sup>®</sup> tape or appropriate thread sealant.



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



- Never allow waste product to touch eyes or skin.



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



- Never use on below ground storage tanks.



- 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.

Use 18-gauge / 2 conductor wire up to 150 ft (45.7 m) or  
14 gauge / 2 conductor wire up to 350 ft (106.6 m)  
to connect sensor to monitor.

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<sup>®</sup> product deemed to be defective in material and/or workmanship for a period of one (1) year.

Buyer must return the products to Husky<sup>®</sup>, 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.