

**BJE**

Model 007661, 010634 & 015765  
Recommended Installation, Maintenance  
and Inspection Instructions

**TANK  
SENSOR**

## Sentry Remote Tank Sensor

**IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS IN AN EASILY ACCESSIBLE LOCATION.**



**WARNING: CANCER AND REPRODUCTIVE HARM - [WWW.P65WARNINGS.CA.GOV](http://WWW.P65WARNINGS.CA.GOV)**



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

## INSTALLATION INSTRUCTIONS

### Waste Product Applications:

1. Thread sensor wires through the 1/2" to 3/8" (12.7 mm to 3.17 mm) NPT PVC adaptor.
2. Attach sensor to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
3. Thread sensor wires through 1/2" x 6" (12.7 mm x 152.4 mm) NPT PVC pipe.
4. Attach pipe to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
5. Thread sensor wires through housing base.
6. Attach pipe to housing base - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
7. Connect sensor leads to an ohmmeter and confirm circuit is closed when float is raised.
8. Use appropriate thread sealant on male threads of sensor housing.
9. Tighten sensor housing to tank bung - approximately 1 to 2 turns past hand tight - do not overtighten.
10. Thread wires from printed circuit board through the hole in the side of the sensor housing and secure.
11. Solder (or wire nut) float leads then tape the connections.
12. Seal hole with silicone or appropriate sealant.
13. Connect wires to printed circuit board terminals marked "FLOAT".

### Bulk Product Applications:

1. Discard factory supplied pipe and replace with custom pipe (maximum length 10 ft / 3 m).
2. Thread sensor wires through the 1/2" to 3/8" (12.7 mm to 3.17 mm) NPT PVC adaptor.
3. Attach sensor to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
4. Thread sensor wire through pipe.
5. Attach pipe to adaptor - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
6. Thread sensor wires through housing base.
7. Attach pipe to housing base - tighten approximately 1 to 2 turns past hand tight. Do not overtighten.
8. Remove retaining clip from float.
9. Reverse the direction of the float.
10. Reinstall retaining clip.
11. Connect sensor leads to an ohmmeter and assure circuit is closed when float is lowered.
12. Use appropriate thread sealant on male threads of sensor housing.
13. Tighten sensor housing to tank bung - approximately 1 to 2 turns past hand tight - do not overtighten.
14. Thread wires from circuit board through the hole in the side of the sensor housing and secure.
15. Solder (or wire nut) float leads then tape the connections.
16. Seal hole with silicone or appropriate sealant.
17. Connect wires 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 and accessories.

• 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® 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.

**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.

# WIRING CONNECTIONS

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 all components.

