

# 880NO & 880NC

## OPERATION, MAINTENANCE AND INSTALLATION MANUAL

**BOSHART**  
INDUSTRIES

### WARNING:

Warning: Turn off all power when installing or adjusting unit. Failure to turn off all power could result in serious injury or death!

Read instructions thoroughly.

*UL Listed. Suitable for use in water and sewage. End user to provide overcurrent protection rated at 240 VAC Minimum, 15 A maximum.*

Note: Check to make sure the right float switch is being used for the right application.

### NORMALLY OPEN

Float switches are open while hanging “down” and will close on a rising liquid level. Typically used for high level alarms and “empty tank” applications.

### NORMALLY CLOSED

Float switches are closed while hanging “down” and will open on a rising liquid level. Typically used for low level alarms and “filling tank” applications.

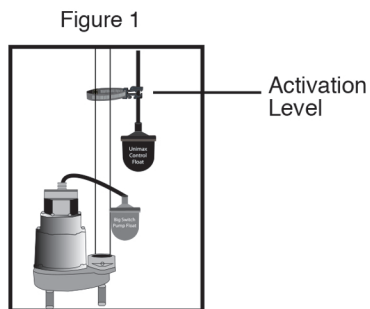
### STAINLESS STEEL PIPE CLAMP MODELS

1. Determine desired activation level. See Figure 1.
2. Attach the Stainless Steel Pipe Clamp at the desired activation Level. Place the cord in the plastic holder and tether cord to about 4 inches and tighten screw tight to keep the cord from moving.
3. Connect the wires from the float switch into control/alarm device as required.
4. Check installation by cycling the float “on & off” to insure proper operation.

### EXTERNALLY WEIGHTED MODELS

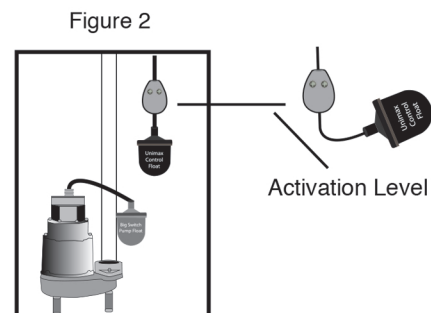
1. Determine desired activation level. See Figure 2.
2. Suspend switch and cable weight at desired level. See Figure 4.
3. Wire leads of the float switch to control/alarm device as required.
4. Check installation by cycling the float “on & off” to insure proper operation.

#### PIPE CLAMP MODELS



Typical application shown is for a pumping system

#### EXTERNALLY WEIGHTED MODELS



### SPECIFICATIONS

**Electrical:** 1 amp @ 24 VDC or 4 amps @ 120/230 VAC

**Cord:** SJOW-A flexible 16 gauge, 2 conductor neoprene

**Float Housing:** High Impact PVC, 3.25” diameter x 4.55” length

**Max Temperature:** 140 degrees F.

**Switch Configuration:** Single Pole, Single Throw