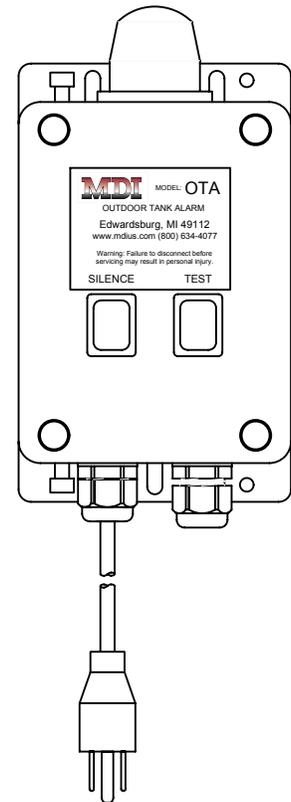


# SP-4000 Outdoor Tank Alarm

The OTA alarm system is designed to monitor liquid levels in sump basins, holding tanks, lift stations tanks and many other non-potable water and wastewater applications.

The OTA is design to sound an audible horn and illuminate a visible red beacon light to notify of an alarm situation. There is a silence switch to turn horn off while fixing the alarm (the red alarm light will remain on until the alarm conditions are remedied).



## Features

- \* External mounting feet for quick installation to any dry, flat surface.
- \* Test and Silence Buttons, Alarm automatically resets.
- \* Type 4X non-metallic enclosure rated for indoor or outdoor use.
- \* 6 foot, 120 VAC power cord.
- \* Installing on a separate circuit from the pump allows the unit to operate in the event of a pump circuit failure.
- \* Internal terminal block for easy float installation
- \* Two-Year limited warranty

## Specifications

- |              |   |
|--------------|---|
| - Dimensions | 8" X 4½" X 4¼"  |
| - Enclosure  | Type 4X non-metallic extrenal mounting feet, 3½" X 5½" X 4" |
| - Weight     | 2 pounds  |
| - Power cord | 6 feet 120 VAC w/ cord grips                                |



MDI Inc.  
P.O. Box 710  
25028 US Highway 12 East  
Edwardsburg, MI 49112

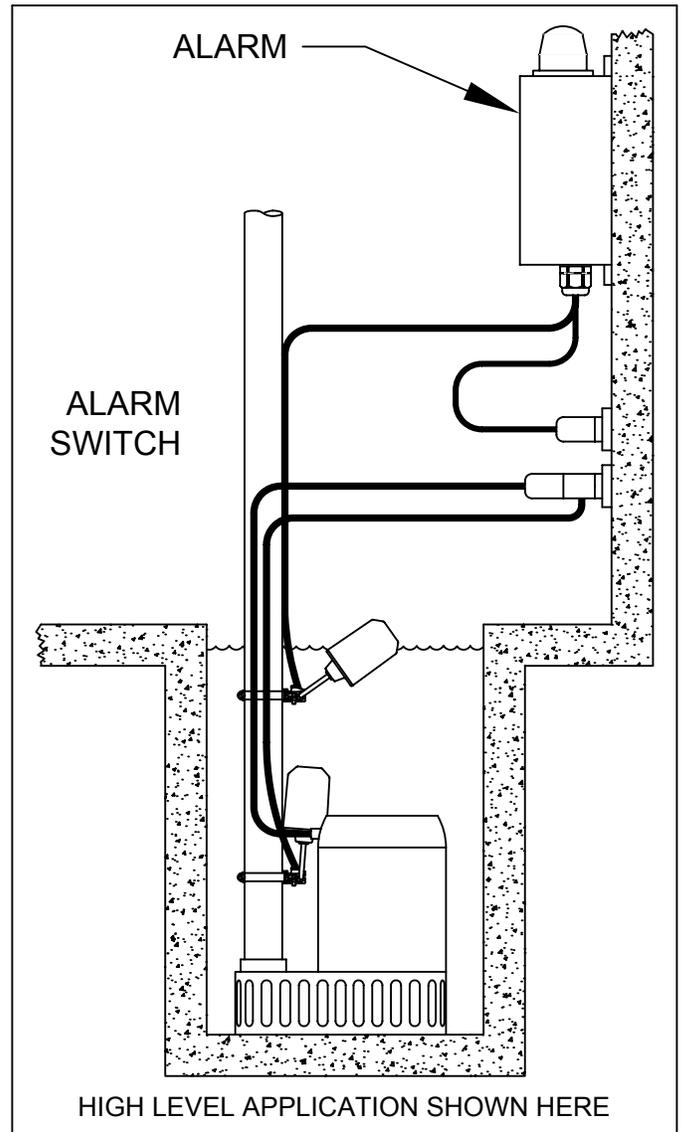
Toll Free: (800) 634-4077  
PH: (269) 663-8574  
FAX: (269) 663-2924  
www.mdius.com

# OUTDOOR TANK ALARM INSTALLATION INSTRUCTIONS

Be sure to follow National Electric Code, ANSI/NFPA 70, when installing this unit to prevent moisture from entering or building up inside equipment.

## ALARM & FLOAT INSTALLATION

1. Decide flat indoor or outdoor vertical mounting location.
2. Make sure power from the breaker to the site location is turned off.
3. Use cable tie supplied in the box to secure the float switch at the desired warning level in the tank (see diagram). Cut off excess material left from cable tie and discard.
4. Bring the cord to the alarm in and connect the leads to the labeled terminal strip position.
5. Plug the 120 VAC power cord into outlet. Make sure the power supply is separate from the one used for the pump to ensure proper notification.
6. Attach the alarm box cover to the base using the four screws in the cover making sure the seal fits properly.
7. Now manually test the alarm by tilting the float switch up until you hear the alarm notification and you see the alarm light turn on.
8. Periodically test unit by pushing the test button on the cover to make sure the unit is working properly.



**WARNING: FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH. REFER TO THESE INSTRUCTIONS ANY TIME THE UNIT IS DISCONNECTED FOR ANY REASON**



**WARNING ELECTRICAL SHOCK HAZARD**  
DISCONNECT POWER BEFORE INSTALLING OR SERVICING THIS PRODUCT. A QUALIFIED SERVICE PERSON MUST INSTALL AND SERVICE THIS PRODUCT. ACCORDING TO APPLICABLE ELECTRICAL & PLUMBING CODES.



**WARNING EXPLOSION OR FIRE HAZARD**  
DO NOT USE THIS PRODUCT WITH FLAMMABLE LIQUIDS. DO NOT INSTALL IN HAZARDOUS LOCATIONS AS DEFINED BY NATIONAL ELECTRIC CODE, ANSI/NFPA 70.