

The Oil Smart® High Liquid Alarm System (OSA-05) is a plug-and-play alarm that differentiates between oil and water. The system is complete with visible mounted indicators and dry contacts for remote monitoring. The alarm will activate with the presence of any liquid and will identify if oil or water is present. The Oil Smart® High Liquid Alarm System can be applied as a high liquid alarm or leak detection system. This alarm system is also compliant with Elevator Code ASME A17.1 and state/federal regulations.



## OIL SMART®

### Features

- Plug-and-play for easy installation, 120VAC
- Alarm sensor differentiates between oil and water
- Includes Liquid Smart® Alarm Sensor with 20' cord
- Alarm Visible Indicators: Red beacon alarm light, yellow light for oil, white light for water, alarm test and silence buttons
- Alarm horn sounds at 85 decibels at 10 feet
- 10' heavy duty power cord
- Remote monitoring dry contacts: Oil, water, and high liquid

### Applications

- Elevator sumps
- Electric utilities: Substations, underground vaults and transformer oil containment sumps
- Industrial sump or marine application
- Oil storage tank
- Any place that there may be a water or oil leak or high liquid condition

**Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers.**



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## Single Phase: 120VAC

Model	Hz.
OSA-05	60 Hz.

## Technical Specifications

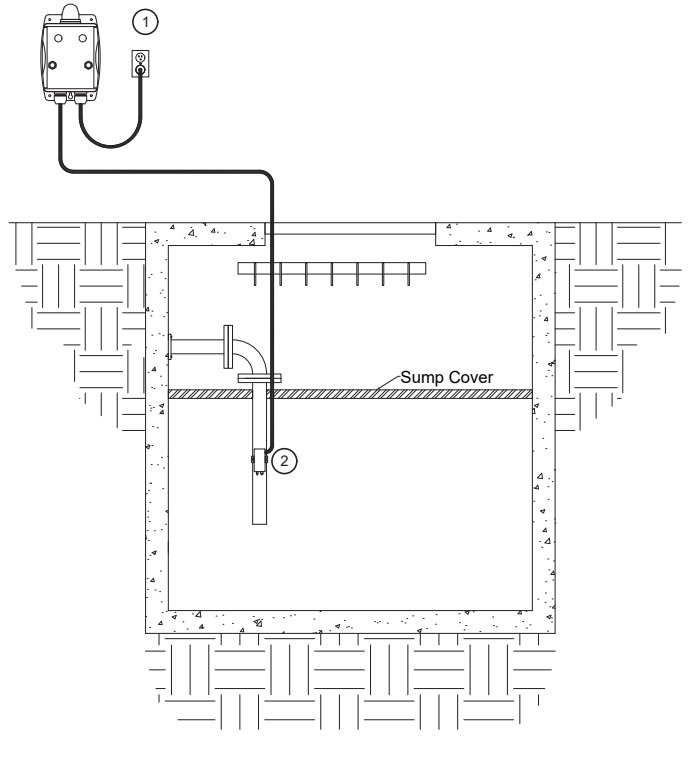
- Panel enclosure: NEMA 1 enclosure
- Liquid Smart® enclosure: IP68 / NEMA 6P high impact injected plastic
- Liquid Smart® technology: Combination capacitive/optic, solid-state low amp circuit
- Dry contacts are rated for 60V AC or DC, 1 amp maximum

## Custom Options

Option(s)	Description
C	Additional cord length greater than 20', specify after C. Example: (OSA-05-C50) indicates 50' cord length on Liquid Smart® Alarm Sensor
95-05	Floor bracket for Liquid Smart® Alarm Sensor

### Typical Installation of Oil Smart® Alarm

- ① Oil Smart® Alarm OSA-05
- ② Liquid Smart® Alarm Sensor



### Operation of Liquid Smart®

If a liquid comes in contact with the Liquid Smart® Alarm Sensor, a signal will activate the alarm panel indicating that there is a high liquid condition. Simultaneously, the alarm sensor will differentiate and indicate if oil or water is present.

