

OIL SMART® ALARM

Overview:

The Oil Smart® 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® Alarm System can be applied as a high liquid alarm or leak detection system.

Features:

- Plug & play for easy installation, 120VAC
- Alarm sensor differentiates between oil and water, includes Liquid Smart® 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
- Panel and controls: CSA, UL listed for the United States and Canada



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



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OIL SMART® ALARM

Single Phase: 120VAC

Models	Hz.
OSA-05	60 Hz.

Technical Specifications:

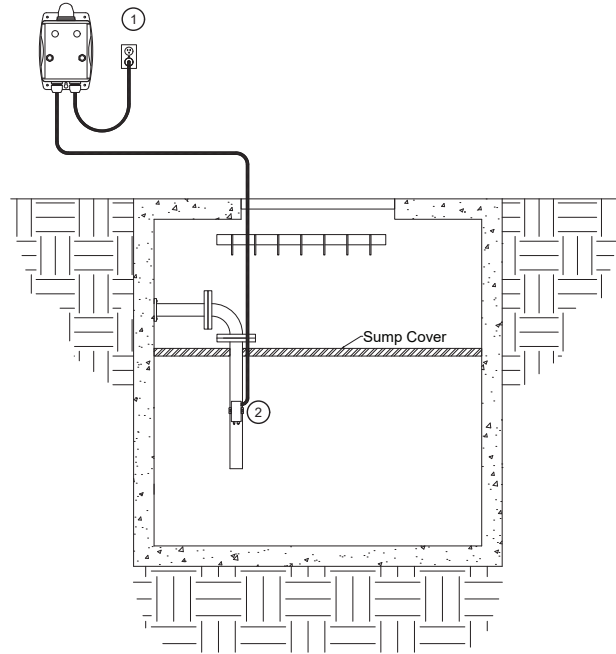
- Panel Enclosure: type 3R enclosure
- Liquid Smart® enclosure: type 3R high impact injected plastic
- Liquid Smart® technology: combination capacitive/optic, solid-state low amp circuit
- Dry contacts are rated for 60V AC or DC, 1 amp maximum

Custom Options:

- 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

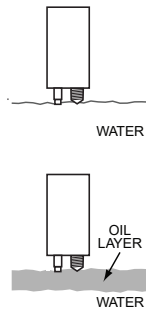
Typical Installation of Oil Smart® Alarm

- 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® Sensor, a signal will activate the control panel indicating that there is a high liquid present. Simultaneously, the alarm sensor will differentiate and indicate if oil or water is present.



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