

Knight Series® OWS Alarm

Overview:

The Knight Series® OWS is a liquid monitoring alarm system that will alert when oil is sensed on water. The sensor will provide an accurate capacitive measurement of water in tanks where oil is not normally present. In the event that oil is separated to the water surface at the sensor's fixed location, the alarm system will notify that there is an accumulation of oil.

Features:

- Indoor/Outdoor NEMA 4X panel enclosure: heavy duty polycarbonate enclosure with stainless steel lockable latches
- Includes Oil Water Separator Sensor with 25' oil resistant cord
- Alarm visible indicators: red beacon alarm light, alarm test, and silence buttons
- Alarm horn sounds at 85 decibels at 10 feet
- LED 22.5mm indicators: low-level alert and power on
- Includes auxiliary contacts to communicate with Oil Separator and remote devices
- 120VAC, 10' power cord
- Panel and controls: UL listed for the United States and Canada



Applications:

- Oil Water Separators
- Industrial Storage Tanks
- Sumps
- Storm Water Treatment
- Condensate Tanks



Your Trusted Source for Quality Control Panels.®

Knight Series® OWS Alarm

Single Phase: 120VAC

Models

Hz.

OWS

60 Hz.

Custom Options:

ST = Upgraded enclosure (Stainless Steel)

C = Additional cord length greater than 25':

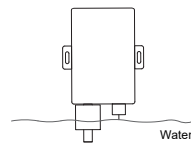
Specify after C. Example:(OWS-C50)

Indicates 50' cord length for sensor

Operation of OWS Sensor

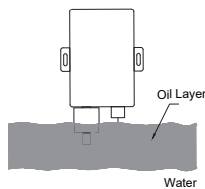
Low Level

If the static water level drops below predetermined position the system will give a low-level status.



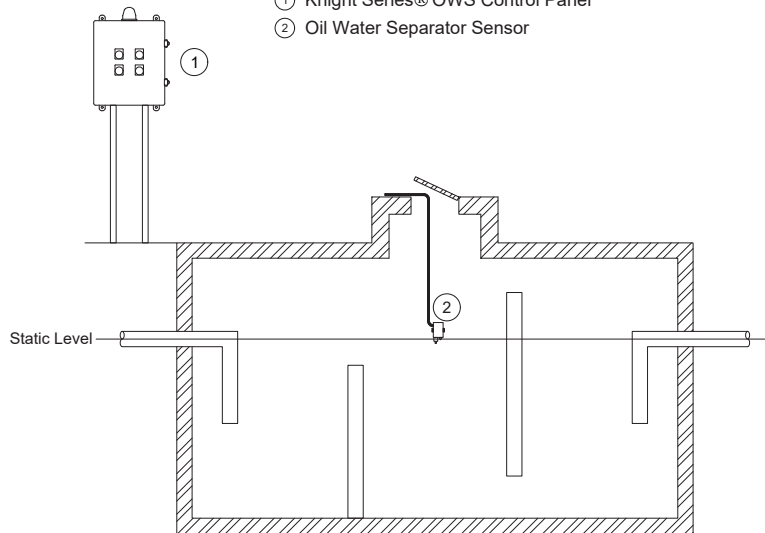
Oil Present

When the oil is present at the predetermined position, a red beacon alarm light and 85-decibel alarm with alert personnel of oil status.



TYPICAL INSTALLATION OF OWS ALARM :

- ① Knight Series® OWS Control Panel
- ② Oil Water Separator Sensor



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