



Oil Smart® Water Pump Switch Pumps Water Only, Will Not Pump Hydrocarbons

The Oil Smart® Pump Switch is a stand-alone pump controller requiring no expensive pump control panels. It will operate any pump up to 1HP. All models include built-in ON and OFF differential of 2.5", 6", or 12". It is an industrial grade switch that differentiates between oil and water used to control pumps in elevators, transformer oil containment areas, underground vaults, marine, and other applications. The Oil Smart Switch can be an integral part of the pump assembly or a stand alone component wired to the pump or a control valve. Since 1995, the Original and Patented Oil Smart Switch has been the reliable choice for safely pumping water. Installation of the unit allows you to comply with State and Federal regulations while reducing the risk of adverse publicity, fines and expensive cleanup costs.

Models

OSS20R

MAHR1 120V 50/60 Hz. 16 Amps (1HP No Plug)

Model #OSS20R	2.5" Pumping Differential
Model #OSS20R6	6" Pumping Differential
Model #OSS20R12	12" Pumping Differential

OSS20PBPR

MAPR1 120V 50/60Hz. 16 Amps (1HP Piggyback Plug)

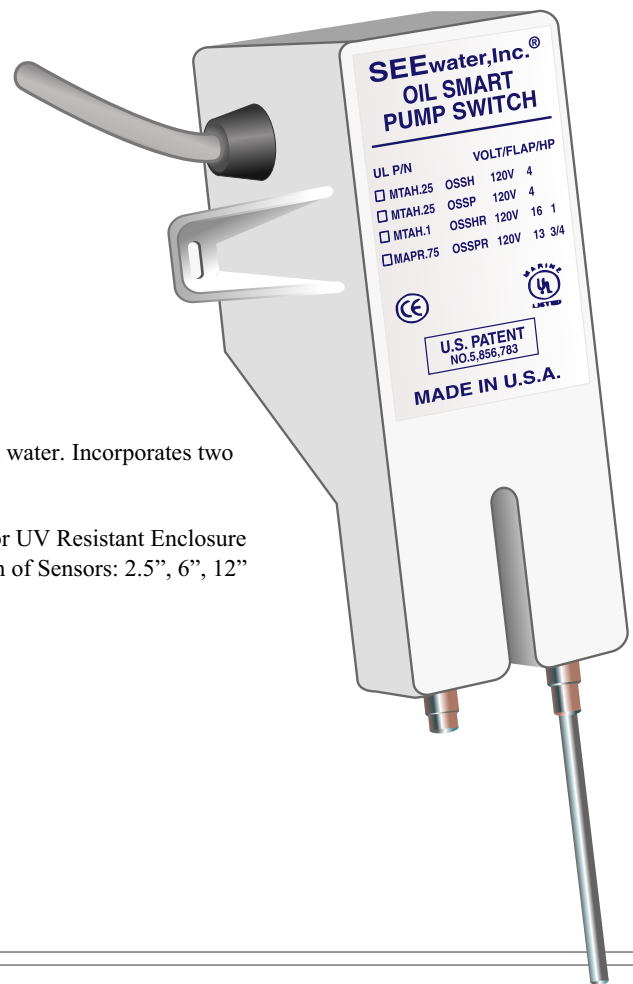
Model #OSS20PBPR	2.5" Pumping Differential
Model #OSS20PBPR6	6" Pumping Differential
Model #OSS20PBPR12	12" Pumping Differential

Features:

- No Moving Parts. Patented Electronic Control.
- Solid-state sensing device that differentiates between oil and water. Incorporates two level sense points, pump ON, pump OFF.
- Includes 20' of 12AWG SJTOW Wire.
- Completely Encapsulated and Water Tight; Type 3R Outdoor UV Resistant Enclosure
- Dimensions: 2.5" Wide x 6" High x 1.75" Deep Plus Length of Sensors: 2.5", 6", 12" Differential
- UL 508, Magnetic Motor Controller
- UL Certified File E183129, CE Certified
- Includes Complete Mounting Brackets.

Applications:

- Elevator Sumps
- Transformer Containment Areas
- Underground Vaults
- Marine
- Any application where there is a need to remove water while containing oil



www.seewaterinc.com or www.oilsmart.org
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121 North Dillon Street • San Jacinto, CA 92583
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Fail-Safe Technology since 1995.

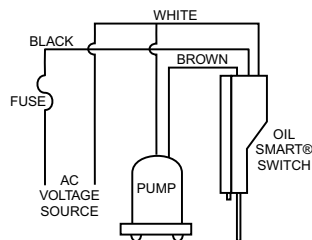
SEE WATER
Inc.
"OIL SMART" Water Pump Switches

OIL SMART® WATER PUMP SWITCH

Specifications:

- Plastic: Type 3R High Impact Injected Plastic
- Sensors: Type 304 Stainless Steel
- Standard Temperature Operating Range: -33°F (-36°C) to 170°F (77°C)
- Operating Temperature: Designed to operate up to 30 psig at 70°F (21°C)
- Standby Current: .004 Amps
- Control Circuit: Solid State
- Technology: Capacitive type sensitive to variations in dielectric constant of water and/or hydrocarbons

Hardwiring: WIRING DIAGRAM



Maintenance:

The Oil Smart® Pump Switch is designed for harsh environments and tested to withstand the normal environment of a pump switch.

For 24 hour troubleshooting, call 888-733-9283.

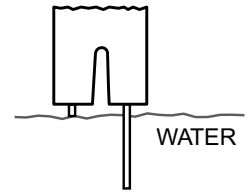
Warranty:

See Water, Inc. warrants that the See Water Oil Smart Pump Switch will be free from defect in material and workmanship for a period beginning as of the date of purchase for two (2) years. Replacement of the switch is only at the sole discretion of See Water, Inc. This warrant is valid only when the product is installed in strict compliance with the manufacturer's installation instructions. See Water, Inc. will in no way be responsible for the reliability of any pump that is connected to or operates with See Water, Inc. products. See Water, Inc. will replace the switch when it is returned to See Water's factory, postage prepaid with proof of original purchase included.

Operation:

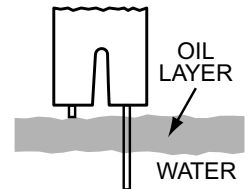
Normal Condition (Water Only)

The short sensor probe turns the pump "on" and the long sensor probe turns the pump "off". When the short sensor is in contact with water, the pump will continue to cycle "on and off" until the short sensor detects oil.



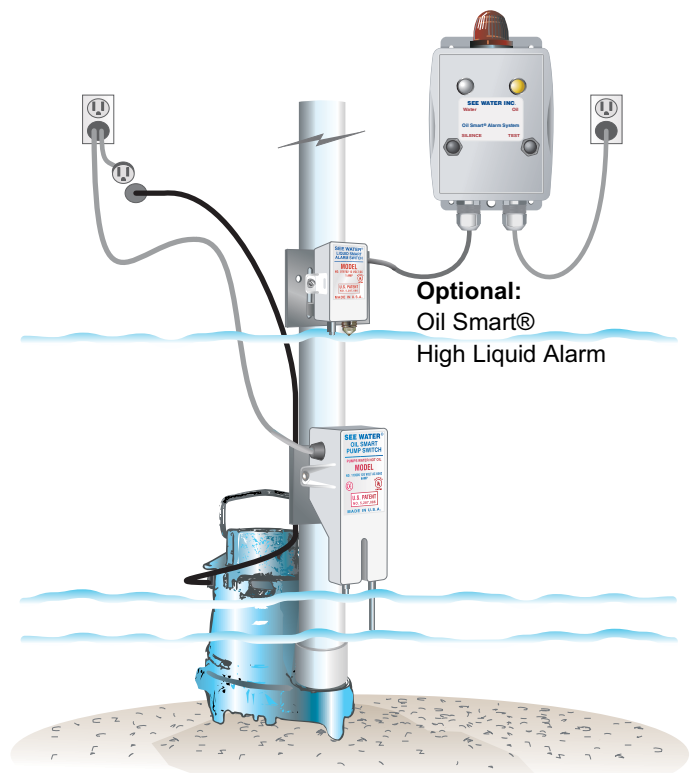
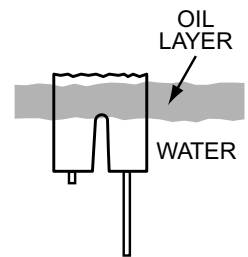
Oil Present Condition

The pump will not cycle if oil is in contact with the short sensor.



High Water (Oil Present Condition)

If additional water enters the basin, it will cause the oil layer to rise above the short sensor, resulting in the pump cycling.



Optional:
Oil Smart®
High Liquid Alarm

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