

IntelliSense™ Technology

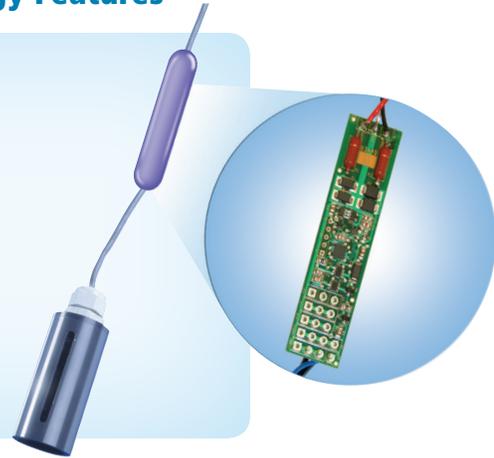
Delivers the ability to monitor all areas of the fuel site — tank interstice, piping sumps, STP containment sumps, dispenser sumps/pans and monitoring wells. IntelliSense™ technology allows for interfacing all sensors through a single 3-core cable connection. This proprietary technology is designed so that compatible SiteSentinel® tank gauges, regardless of the type or place of installation, will know immediately what type of sensor is connected and the model number and name.

Lower Installation Costs

The SiteSentinel® IntelliSense™ technology enables sensors to be “multi-dropped” together during installation, eliminating a wiring “home-run” for each sensor back to the console in the building.

IntelliSense™ Technology Features

Part of the
SiteSentinel®
family of products



Innovative

IntelliSense™ makes innovative sensor technology even smarter by communicating the connection status and sensor type to compatible SiteSentinel® tank gauges.



Savings

The IntelliSense™ technology allows sensors to be multi-dropped during an installation, eliminating a wiring home-run for each sensor.



Maintenance

IntelliSense™ technology and compatible SiteSentinel® tank gauges keep track of replaced sensors by recording the sensor's serial number and date and time of its replacement.



Compliance

OPW provides a full line of discriminating and nondiscriminating sensors to monitor the environment of a fueling facility.

Available Sensors

Discriminating Dispenser Pan Sensor – provides the ability to detect a low and high liquid level and distinguish whether the fluid is water or hydrocarbons. Detection of fuel or water will result in an alarm condition at the console. Detection of a fuel or high-water condition is useful to disable dispenser power to ensure protection of the environment. This feature assures that an alarm condition is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0232-DH-10

Application: Dispenser pans

Detects: Fuel, water – high and low level

Differentiates: Fuel vs. water

Product Detection: 1.25 in (3.17 cm) fuel only - 1.25 in (3.17 cm) fuel on water

Operating Temp: -40°F to 150°F (-40°C to 65°C)

Discriminating STP Sensor – provides the ability to detect a low- and high-liquid level and distinguish whether the fluid is water or hydrocarbons. Detection of fuel or water will result in an alarm condition at the console. Detection of a fuel or high-water condition is useful to disable STP power to ensure protection of the environment. This feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Listings and Certifications



Sensors (continued)

Part Number: 30-0232-DH-20

Application: STP Sumps

Detects: Fuel, water – high and low level

Differentiates: Fuel vs. water

Product Detection: 1.25 in (3.17 cm) fuel only - 1.25 in (3.17 cm) fuel on water

Operating Temp: -40°F to 150°F (-40°C to 65°C)

Discriminating Interstitial Sensor – utilizes a solid-state optical technology to detect the presence of fluid in the annular space of a tank and distinguish whether the fluid is water or hydrocarbons. Detection of fuel or water will result in an alarm condition at the console. This feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0236-LW

Application: Tank Interstice

Detects: Fuel, water

Differentiates: Fuel vs. water

Product Detection: Fuel or water 0.63 in (1.59 cm)

Operating Temp: -40°F to 176°F (-40°C to 80°C)

Sump Sensor, Float Switch – designed to detect the presence of fluid in a containment sump/pan. Additionally, this feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0231-L

Application: Dispenser pans/transitions

Detects: Fuel, water

Product Detection: Min. height 1.50 in (3.81 cm)

Operating Temp: -40°F to 150°F (-40°C to 65°C)

Hydrocarbon Vapor Sensor – designed for the early detection of the presence of hydrocarbon vapors in dry monitoring wells and interstitial spaces of a double-wall tank.

The sensor is recoverable from detection and will return to its normal state after the vapors have dissipated. This feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0235-V

Application: Dry monitoring wells, double wall tank interstice

Differentiates: Fuel

Product Detection: Hydrocarbon vapor

Operating Temperature: -40°F to 150°F (-40°C to 65°C)

Interstitial Hydrocarbon Liquid with Water Indicator – designed for use in a double-wall fiberglass tank to detect the presence of fluid and distinguish between fuel and water. This feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0234-HW-01

Application: Interstitial space of double-wall fiberglass tank

Differentiates: Fuel vs. water

Product Detection: Requires min. 0.10 in (0.25 cm) fuel to activate

Operating Temp: -40°F to 150°F (-40°C to 66°C)

Liquid Only Interstitial Sensor – designed to detect the presence of fluid in interstitial space of a double-wall tank (not applicable for double-wall fiberglass tanks). The sensor, utilizing a float technology, activates at the presence of water or fuel and provides an alarm condition. It's constructed of a chemically resistive non-metallic material, and can be used in sumps, dispenser pans and other containment locations. This feature assures that an alarm is sounded if the cable to the sensor breaks or if the sensor malfunctions.

Part Number: 30-0230-S

Application: Interstitial space of double-wall tank

Detects: Fuel, water

Product Detection: 0.20 in (0.50 cm) fuel only - 0.10 in (0.25 cm) fuel on water

Operating Temp: -40°F to 150°F (-40°C to 65°C)

Discriminating Fuel/Water Monitoring Well Sensor – provides the ability to detect the presence of hydrocarbons floating on the surface of water in a groundwater monitoring well. It's also able to detect when the water in the monitoring well has dropped below the sensor, making the detection of hydrocarbons no longer possible. The system will activate an alarm condition indicating that the monitoring well is dry and environmental protection has been compromised. This sensor is used for monitoring wells that are 6 to 20 feet (1.83 to 6.09 meters) deep.

Part Numbers: 30-0234-HW-06

[6.0 ft (1.83 m)], 30-024-MW-15 [15.0 ft (4.57 m)], 30-0234-HW-20 [20.0 ft (6.09 m)]

Application: Wet monitoring wells

Detects: Fuel on water surface

Differentiates: Fuel on water or when water drops below sensor

Product Detection: As little as a 0.10 in (0.25 cm) fuel on water

Operating Temp: 32°F to 122°F (0°C to 50°C)

Dual-Float Brine Sensors –

The dual float brine sensor measures the level of brine solution in a dispenser sump or fiberglass tank. The bottom float of the brine sensor will remain floating under normal conditions. If the bottom float drops, it will trigger a low liquid alarm; if the brine sensor's top float begins floating, it will trigger a high liquid alarm.

Part Numbers: 30-0232-D-10B (dispenser sump) and 30-0232-D-20B (fiberglass tank)

Application: Measures brine solution in dispenser sumps and fiberglass tanks

Detects: Low liquid, high liquid

Operating Temp: -40°F to 158°F (-40°C to +70°C)