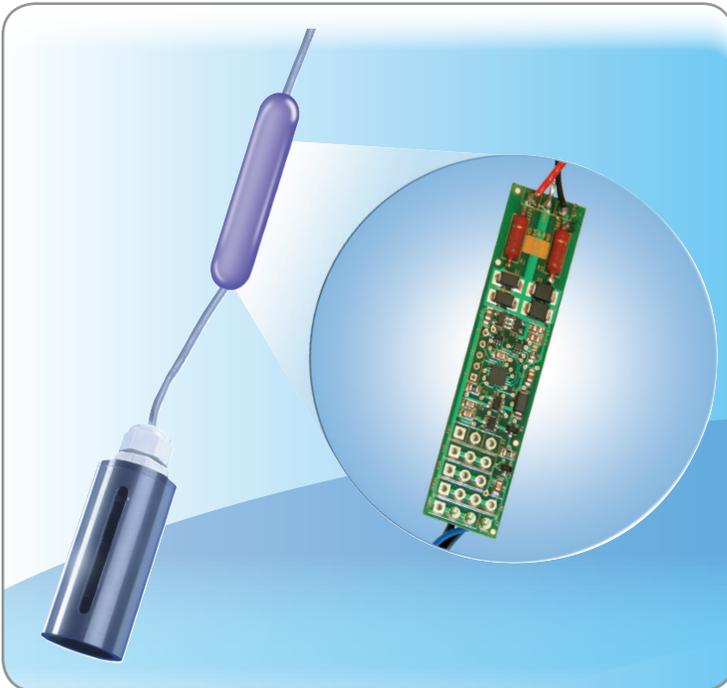


# IntelliSense™ Technology

## Streamline Sensor Maintenance with IntelliSense™

When paired with OPW sensors, OPW's IntelliSense™ Technology simplifies sensor maintenance and delivers superior monitoring of fuel containment and storage areas.



### IntelliSense™ Technology

OPW's IntelliSense™ Technology interfaces with OPW's comprehensive line of discriminating and non-discriminating sensors to communicate connection statuses and sensor types to SiteSentinel® iSite™ and Integra tank gauges. This capability significantly simplifies sensor maintenance processes and record-keeping for fuel sites of every size and configuration.

### Applications

- Monitor all areas of the fuel site including tank interstice, piping sumps, STP containment sumps, dispenser sumps/pans and monitoring wells
- Interface all sensors through a single 3-core cable connection for reduced equipment costs
- Integrates seamlessly with SiteSentinel® iSite™, Integra 100™ and Integra 500™ tank gauges



#### SMART

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



#### MAINTENANCE LOG

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's full line of discriminating and non-discriminating sensors monitor all critical areas of a fuel site, helping managers meet stringent environmental compliance standards



#### COST SAVINGS

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

**Contact your OPW representative to learn more about innovative IntelliSense™ Technology today!**

Phone: (708) 485-4200 • Fax: (708) 485-4630 • 6900 Santa Fe Drive • Hodgkins, Illinois USA 60525 • [www.opwglobal.com](http://www.opwglobal.com)

## IntelliSense™ Technology

### 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.

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 Temp: -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)