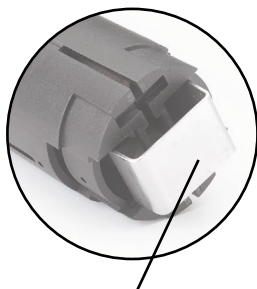


Position Sensitive Pan/Sump Sensor

Quickly detects the presence of liquid and keeps you in compliance.

Provides positive alarm indication of any liquid in underground fuel storage tank sumps or pans. Provides positive alarm indication if the sensor is moved from its installed position on the bottom of the sump.

Veeder-Root's Position Sensitive Pan/Sump Sensor detects the presence of liquid in a UST piping sump or dispenser pan while simultaneously detecting sensor position. Liquid presence could mean a dangerous line leak. When the sensor detects liquid, it sends an alarm signal to the TLS console monitor, where both visual and audible built-in alarm indicators immediately identify the location of the problem. You can then quickly take action to help prevent serious safety and environmental problems. Additionally the sensor utilizes a position sensor to detect when it has been moved. A "sensor out" alarm is issued when the sensor is moved from its installed position at the bottom of the sump or pan. This enables the user to quickly and accurately reposition the sensor to ensure accurate and consistent leak detection and compliance.



Integral position sensor ensures proper placement is maintained.



Features

- Positive alarm indication of any liquid in underground fuel storage tank piping sumps/pans
- Provides a "sensor out" indication if the sensor is moved from contact with bottom of the sump
- A direct replacement for an existing Piping Sump Sensor (794380-208)
- For TLS-350R, TLS-350, TLS-350J, ILS-350, TLS-300i, Red Jacket ProMax/ProPlus, UST Monitoring Systems
- System indicators pinpoint alarm location
- Simple to install
- Two-wire connection to system monitor

Standard Models

Form Number	Description
794380-323	Position Sensitive Pan/Sump Sensor- 12 ft cable
331102-001	Optional component: 20' replacement cable
330020-012	Optional component: Universal sensor mounting kit

Standard Components

Quantity	Description
1	Pan/Sump sensor assembly
1	Watertight cord grip
2	Wire nuts
1	Epoxy pack

The Series 7943 Position Sensitive Pan/Sump Sensor is compatible with the following consoles:

Console	Series
TLS-350R*	8482
TLS-350*	8470
TLS-350J	8470
ILS-350**	8450
TLS-300i	8485
TLS-300C*	8485

Standard Specifications

Power Requirements: Intrinsically safe power supplied by Veeder-Root TLS-350R, TLS-350, TLS-350J, ILS-350, TLS-300i, TLS-300C, TLS-250i, or ILS-250 system

Alarm Height: 1 1/2 inch of liquid

Temperature Rating:

Storage: -40 degrees C to +70 degrees C

Operating: -0 degrees to +60 degrees C

***Note:** an Interstitial Sensor Interface Module is required for use of the piping sump sensor with the TLS-350 or TLS-350R system.

****Note:** a Two-Wire Module is required for use of the piping sump sensor with the ILS-350 system.

Ease of installation and proper positioning protects your investment.

Sensor Detection Capabilities - Alarm Conditions

Fuel alarm is triggered when liquid reaches a nominal height of 1-1/2 inches. Sensor Out alarm is triggered when sensor is moved off bottom of the pan/sump.

Operating Capabilities

- Operating temperature range: 0 to +60°C.
- Storage temperature range: -40 to +70°C.
- Sensor dimensions: 12" high, 2.2" diameter.

Sensor/Cable Length Configurations

- Position-Sensitive Sensor w/ 12 foot cable - Form Number 794380-323
- 20' replacement cable with connector - Part Number 331102-001

Sensor Interface Module

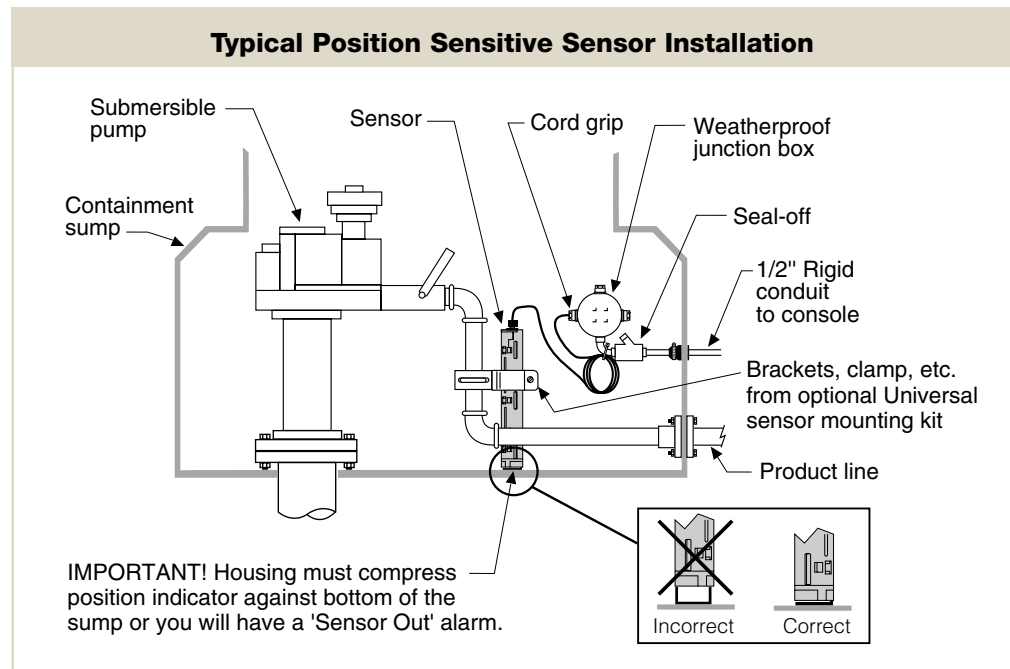
- TLS-350 Series Consoles (except TLS-350J) - Interstitial Sensor Interface Module (Form Number 847490-102) accepts up to 8 sensors (a maximum of 64 sensors could be monitored by the console).
- TLS-350J Console - 3 sensors max.
- TLS-300/PC-300 Series Consoles (no Interface Module required) - 8 sensors max.
- ILS-350 Console - A Two-Wire Module (Form Number 845190-100) accepts up to 4 sensors (a maximum of 16 sensors could be monitored by the console).

Console Software Compatibility

- All TLS-350 Series/TLS-300 Consoles
- All ILS-350 Consoles

Compatible Fuels

- Unleaded gasoline
- Leaded gasoline
- Diesel
- Kerosene
- Jet fuel
- Aviation gasoline
- 5% methanol/95% unleaded
- 15% ethanol/85% unleaded
- 15% MTBE/85% unleaded



For more information call

1-888-561-7942

