

**VEEDER-ROOT**

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Position Sensitive Interstitial Sensor for Steel Tank

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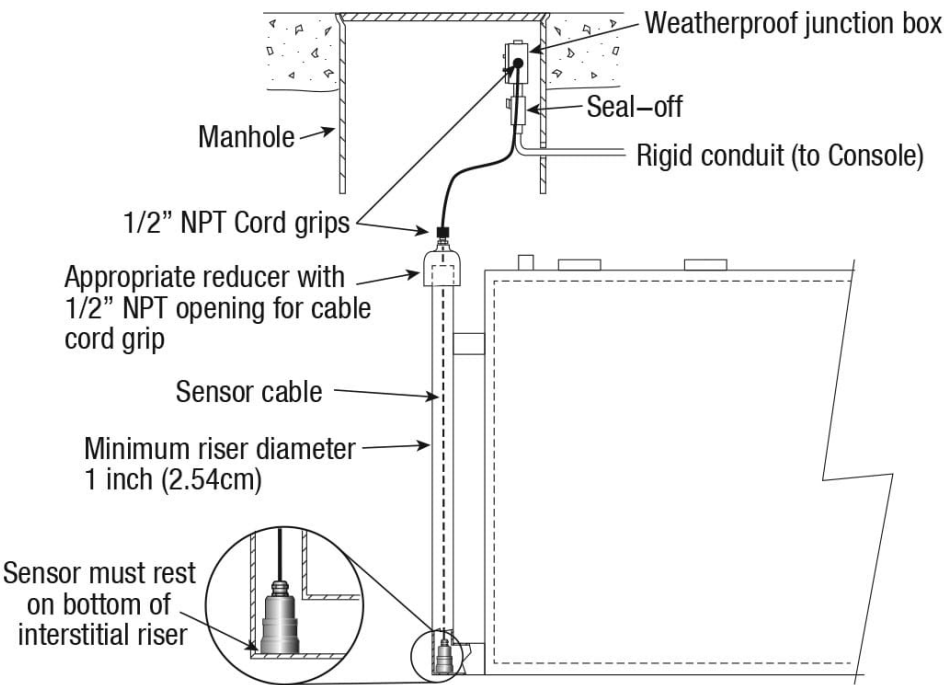
POSITION SENSITIVE INTERSTITIAL SENSOR FOR STEEL TANKS



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The Position Sensitive Interstitial Sensor detects the presence of liquid in small containment areas of double wall steel tanks. In addition, it provides an alarm when the sensor is not positioned correctly on the bottom of the interstitial space.



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Meet regulations for position sensing and liquid detection

The Veeder-Root Position Sensitive Interstitial Sensor for Steel Tanks is designed specifically to meet regulations requiring position sensing and liquid detection technology.

The Position Sensitive Interstitial Sensor triggers an alarm when sensor is improperly positioned or when liquid activates the float.

Product Form

Part Number	Description	Notes

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312020-928 2" (50mm) Interstitial sensor riser
cap kit (sold separately)

Key Features

- Compatible with existing Veeder-Root TLS monitoring systems with interstitial monitoring capability
- Detects the presence of liquid in the interstice of the double-wall tank
- Activates visual and audible alarms on the TLS monitoring system
- User-defined labeling for installation location identification
- Alarm history retrieval via printer, serial commands or graphical user interface
- Improves annual inspection time
- UL and cUL listed
- National Work Group listed
- Meets North Carolina UST Steel Tank regulation 15A NCAC 02N.0901

Specifications

Fuel Compatibility	Gas, Diesel, Kerosene, Jet Fuel, Aviation Gas, E15, E85, E100, Bio-Diesel 20, Bio-Diesel 100, Green Diesel, Waste Oil, Motor Oil
Alarm Notification	Normal: Sensor in Normal State – No liquid detected Fuel Alarm: Not sitting correctly on bottom of interstitial space or liquid detected

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Operating Principle	Reed Switch /Float
Product Activation Height	1.4" (3.6cm)
Operating Temp	-4 to +140°F (-20 to +60°C)
Dimensions	3.5" (8.9cm) High, 1.75" (4.4cm) Diameter
Standard Cable	20ft (6.09m)

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Documents

- ↓ [Position Sensitive Interstitial Sensor for Steel Tanks Specifications \(577013-750-15\)](#)
- ↓ [Position Sensitive Interstitial Sensor \(PSIS\)–Steel Tank Installation Guide \(577014-041\)](#)
- ↓ [Position Sensitive Interstitial Sensor \(PSIS\) for Steel Tanks Brochure \(576047-208\)](#)
- ↓ [Sensor Products Application Guide \(577013-750\)](#)
- ↓ [Probe Riser Cap Kit Specifications \(577014-457\)](#)



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**VEEDER-ROOT**

TLS-450PLUS Automatic Tank Gauge

The TLS-450PLUS Automatic Tank Gauge provides the most comprehensive fuel site data for advanced fuel asset management.

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Interstitial Sensor for Steel Tanks

The Interstitial Sensor for steel tanks is non-discriminating and detects the presence of liquid between the double walls of the tank.

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Interstitial High Alcohol Sensor for Steel Tanks

The Interstitial Sensor for steel tanks with high alcohol product detects the presence of liquid between the double walls of the tank.

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VR-Product Interest

☐ Additive Injection System

☐ AtlasX 9100 Series
Mechanical Dispenser



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- ☐ AtlasX Satellite Dispenser
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- ☐ In-Station Diagnostics
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- ☐ OrTC Truck Controller
- ☐ Prime Automation
- ☐ Red Jacket IQ2 Smart Controller
- ☐ SiteOmat (India)
- ☐ Truck PRIME Controller
- ☐ Visibility
- ☐ AtlasX Ultra-High Flow Dispenser
- ☐ Biofuel Injection System (BIS)
- ☐ Compressed Natural Gas (CNG) Dispenser
- ☐ Deisel Exhaust Fluid Fuel Dispenser
- ☐ EMR4 (Electronic Meter Register)
- ☐ FuelOnet Prime
- ☐ HydrX Fuel Conditioning
- ☐ Insite360 Business
- ☐ Insite360 Fuel Suite
- ☐ Insite360 Mobile
- ☐ Insite360 Uptime
- ☐ Invenco Link
- ☐ Mechanical Meter Registers and Dispenser Computers
- ☐ OrRC Island Controller
- ☐ PBOX
- ☐ PureGreen24 Disinfectant
- ☐ Red Jacket Manifolded Submersible Turbine Pumping System
- ☐ Sump-Dri™ Desiccant System
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- ☐ Wiggins Nozzle Reader (wNR)

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