VEEDER-ROOT

Interstitial Sensor for Steel Tanks Specifications

Sensor Description	**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.
Part Number	**0794390-420 (16'/4.88m cable); 0794390-460 (30'/9.14m cable)**	
Category	☐ Discriminating ☑ Non-Discriminating ☐ Position Sensitive ☐ Level Sensing ☐ Static Testing ☐ Hydrostatic	
Fuel Compatibility	☑ Gas ☑ Diesel ☑ Kerosene ☑ Jet Fuel ☑ Aviation Gas ☑ E-15 ☐ E-85 ☐ E-100 ☑ Bio-Diesel 20 ☐ Bio-Diesel 100 ☑ Green Diesel ☐ DEF ☑ Waste Oil ☑ Motor Oil	

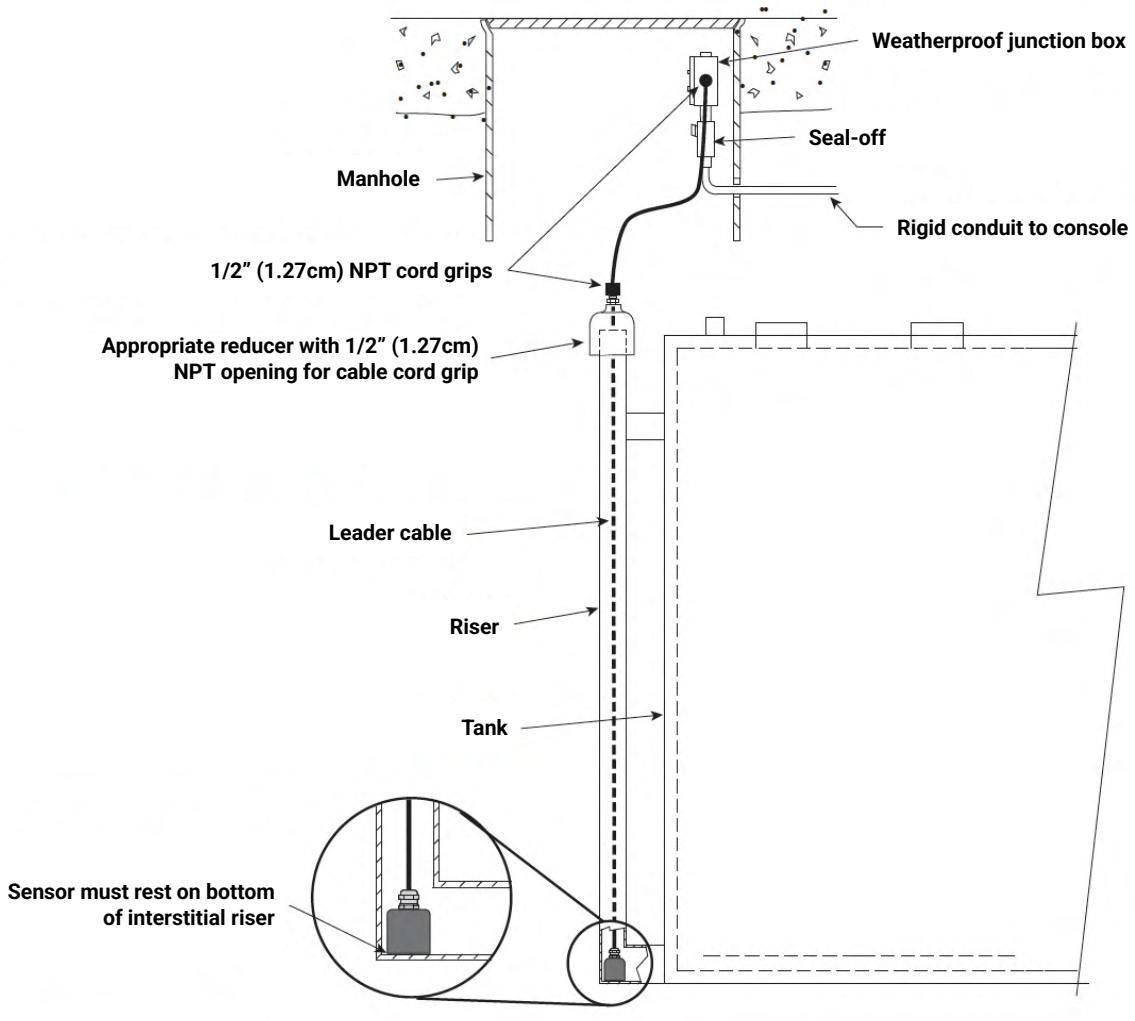
Console Compatibility	**Recommended Min. Console Software**	**Sensor Interface Modules**				
		Module Part #	**Module Description**	**# of Modules per Console**	**# of Sensor Inputs per Module**	**Availability**
TLS-450PLUS (8600 Series)	6.A or Higher	0332812-001	Universal Sensor Module (USM)	Up to 4 – TLS-4xx Up to 8 – TLS-4xx w/ opt. TLS-XB	16	Sold Separately
TLS-450	4.A or Higher					
TLS4 (8601 Series)	6.A or Higher	0330020-750	Universal Sensor Input/Output Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)						
TLS4B (8601 Series)		0330020-751			6	
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	0329358-001	Interstitial Sensor Interface Module	Up to 8	8	Sold Separately
TLS-350J		0329356-003	4 Probe / 4 Sensor Interface Module	1	4	Sold Separately
TLS-300i		0330230-001	4 Probe / 8 Sensor Interface Module		8	Included

Alarm Notification	Normal	Sensor in Normal State – No liquid detected
	Fuel Alarm	Liquid detected
	Sensor Out	Sensor not communicating to ATG/Console
Installation Kit	0312020-928	2" (50mm) Interstitial Sensor Riser Cap and Adaptor Kit (Sold Separately)

Specifications	
Operating Principle	Reed Switch / Float
Product Activation Height	1.4" (3.56cm)
Operating Temperature	-4°F to +140°F (-20°C to +60°C)
Dimensions	2.5" (6.4cm) high, 1.5" (3.8cm) diameter
Miscellaneous/Notes	0794380-420 (cable 16' (4.9m)); 0794380-460 (cable 30' (9.1m)); 0312020-928 (2" (50mm) Riser Cap and Adapter Kit)
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles
Product Link	Interstitial Sensor for Steel Tanks
Warranty with System	1 Year Parts & Labor
Warranty (When purchased separately)	1 Year Parts Only

Where Used (Typical)	
	☐ Dispenser Pan ☐ Spill Containment ☐ STP Sump ☑ Convault Tank ☑ Annular Space ☐ Monitoring Well ☐ Oil/Water Separator Tank

Example Installation



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Example Illustrations

Illustrations used in this guide for example sensor installations may contain components that are customer supplied and not included with the sensor. Please check with your Veeder-Root Distributor for recommended installation accessories.

Third Party Evaluations

Third party evaluations of the Veeder-Root sensors contained in this application guide can be found under the Veeder-Root vendor name on the National Work Group on Leak Detection Evaluations (NWGLDE) website: https://neiwpcc.org/nwglde/

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