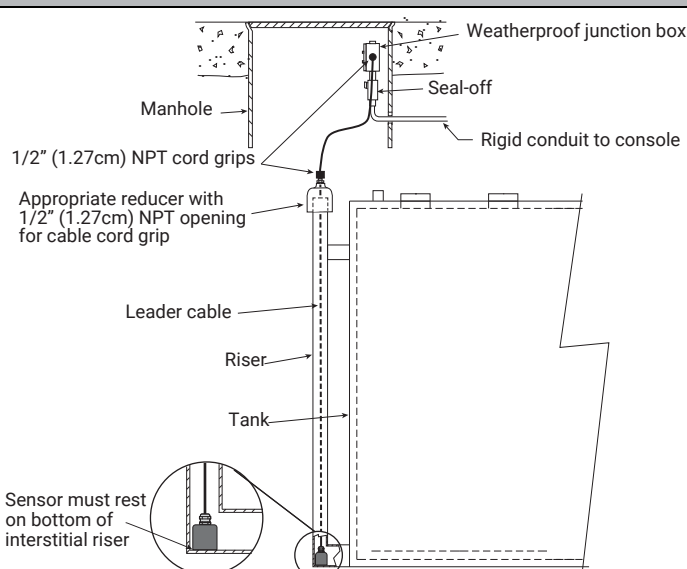


Sensor Description	Interstitial High Alcohol Sensor for Steel Tanks		The Interstitial Sensor for Steel Tanks with high alcohol product detects the presence of liquid between the double walls of the tank.			
Part Number	794380-430					
Category	☐ Discriminating ☒ Non-Discriminating ☐ Position Sensitive ☐ 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 (*International Only ¹)	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)	6A or Higher	332812-001	Universal Sensor Module (USM)	Up to 4 - TLS-4XX Up to 8 - TLS-4XX w/ opt. TLS-XB	16	Sold Separately
TLS-450	4A or Higher					
TLS4 (8601 Series) ¹	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)						
TLS4B (8601 Series) ¹		330020-751			6	
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	329358-001	Interstitial Sensor Interface Module	Up to 8	8	Sold Separately
TLS-350J		329356-003	4 Probe / 4 Sensor Interface Module		4	Sold Separately
TLS-300i		330230-001	4 Probe / 8 Sensor Interface Module		8	Included
TLS-300C		330513-001	2 Probe / 8 Sensor Options			
Alarm Notification	Normal	Sensor in Normal State - No liquid detected				
	Fuel Alarm	Water or Fuel detected				
	Sensor Out	Sensor not communicating to ATG/Console				
Installation Kit	312020-928	2" (50mm) Interstitial Sensor Riser Cap kit (Sold separately)				
Specifications			Example Installation			
Operating Principle	Reed Switch/Float					
Product Activation Height	1.1" (2.8cm)					
Operating Temperature	-4 to +140°F (-20 to +60°C)					
Dimensions	2.5" (6.4cm) high, 1.5" (3.8cm) diameter					
Miscellaneous/Notes	Standard cable 15ft (4.57m); 312020-928 2" (50mm) Riser cap and adapter kit)					
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	Interstitial High Alcohol Sensor for Steel Tanks					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					
Where Used (Typical)	☒ Annular Space ☐ Dispenser Pan ☐ STP Sump ☐ Monitoring Well ☐ Spill Containment ☒ Convault Tank ☐ Oil/Water Separator Tank					

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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:

<http://www.nwglde.org>