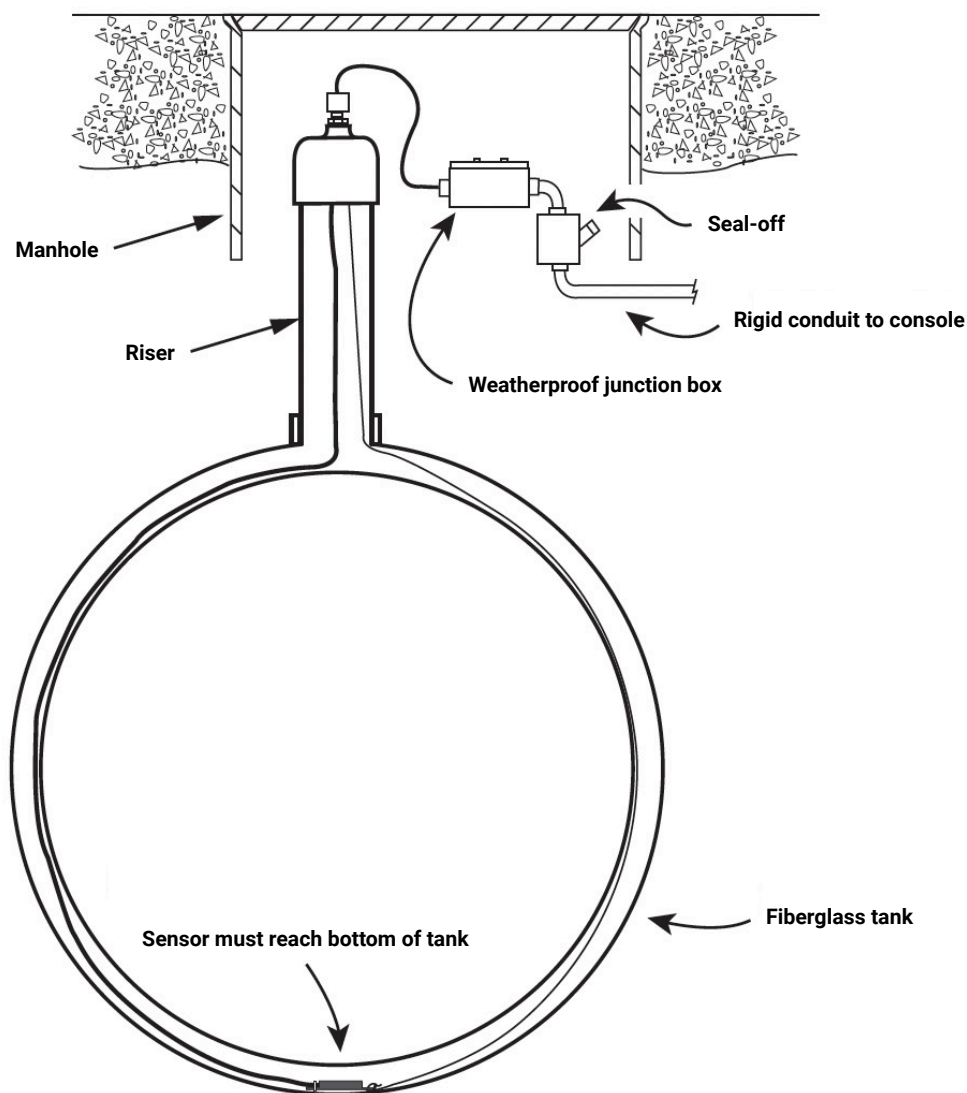


Sensor Description	Interstitial Sensor for Double-Wall Fiberglass Tanks		The Non-Discriminating Interstitial Sensor for Double-Wall Fiber-Glass Tanks detects the presence of liquid in the interstitial space of the tank.			
Part Number	0794390-409					
Category	☐ Discriminating ☒ Non-Discriminating ☐ 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)		0330020-751			6	
TLS4B (8601 Series)						
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				
	Liquid Alarm	Liquid detected				
	Sensor Out	Sensor not communicating to ATG/Console				
Specifications						
Operating Principle	Reed Switch / Float					
Product Activation Height	0.28" (0.71cm)					
Operating Temperature	-4°F to +140°F (-20°C to +60°C)					
Dimensions	2.2" (5.6cm) length, 1.3" (3.3cm) width, 0.6" (1.5cm) thick					
Miscellaneous/Notes	Standard Cable Length: 25' (7.6m), fits 4' to 10' (1.2m to 3m) I.D. fiberglass tanks					
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	Non-Discriminating Interstitial Sensor					
Warranty with System	1 Year Parts & Lab					
Warranty (When purchased separately)	1 Year Parts Only					

Where Used (Typical)

- | | |
|--|---|
| ☐ Dispenser Pan | ☒ Annular Space |
| ☐ Spill Containment | ☐ Monitoring Well |
| ☐ STP Sump | ☐ Oil/Water Separator Tank |
| ☐ Convault 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: <http://www.nwglde.org>