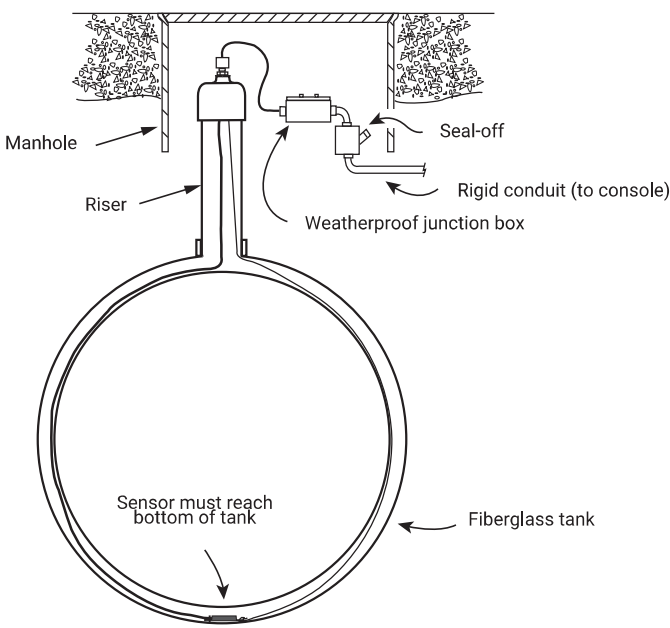


Sensor Description	Solid-State Alternative Ethanol Fluid Interstitial Sensor for Double-Wall Fiberglass Tanks		The Interstitial Sensor for Double-Wall Fiberglass Tanks with high alcohol product uses solid-state liquid level sensing technology to detect liquid in the interstitial space of the tank.				
Part Number	794380-345						
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			
							
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	
	TLS-450	4A or Higher					
	TLS4 (8601 Series) ¹	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	
	TLS4i (8601 Series)						
	TLS4B (8601 Series) ¹					6	
	TLS4c (8601 Series)						
	TLS-350/R/PLUS	124/324 or Higher	329956-001	Type A Sensor Interface Module	Up to 8	8	Sold Separately
	TLS-350J	N/A					
	TLS-300i						
	TLS-300C						
Alarm Notification	Normal	Sensor in Normal State - No liquid detected					
	Fuel Alarm	Liquid detected					
	Sensor Out	Sensor not communicating to ATG/Console					
Specifications			Example Installation				
Operating Principle	Optical - looking at phase changes in the light beams by causing them to interact or interfere with one another						
Product Activation Height	Fuel or Water <0.2" (0.5cm); E85 <0.4" (1cm)						
Operating Temperature	-40 to +122°F (-40 to +50°C)						
Dimensions	4.3" (11cm) length, 1.5" (3.8cm) width, 0.5" (1.3cm) thick						
Miscellaneous/Notes	Standard Cable 25ft (7.6m) fits 4 to 10ft (1.2 to 3m) I.D. fiberglass tanks						
Third Party Evaluation Links	TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles						
Product Link	Solid-State Alternative Ethanol Fluid Interstitial Sensor						
Warranty with System	1 Yr Parts & Labor						
Warranty (When purchased separately)	1 Yr Parts Only						
Where Used (Typical)	☒ Convault Tank ☒ Annular Space ☐ Monitoring Well ☐ Oil/Water Separator Tank						
☐ Dispenser Pan ☐ Spill Containment ☐ STP Sump							

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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>