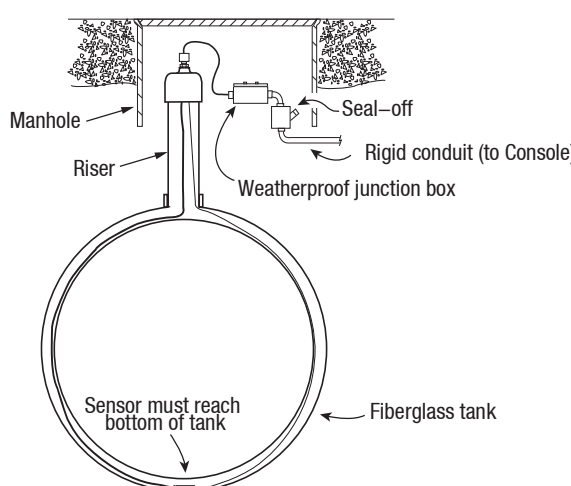


Sensor Description	Solid-State Alternative Ethanol Fluid Interstitial Sensor for Double-Wall Fiberglass Tanks			The interstitial sensor for double-wall fiberglass tanks with high alcohol product uses solid-state liquid level sensing technology to detect liquid in the interstitial space of the tank.			Sensor Matrix 	
Form Number	794380-345							
Where Used (Typical)	☐ Dispenser Pan ☐ Spill Containment ☐ STP Sump ☒ Convault Tank ☒ Annular Space ☐ Monitoring Well ☐ Oil/Water Separator Tank				Category			
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				☐ Discriminating ☒ Non-Discriminating ☐ Position Sensitive ☐ Level Sensing ☐ Static Testing ☐ Hydrostatic			
Console Compatibility (*International Only ¹)	Min. Console Software	Sensor Interface Modules						
		Module Form #	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	332812-001						
¹ TLS4 (8601 Series)	6A or Higher	330020-750	Universal Sensor Input Output Module (USIOM-AC)	1	12	Included		
TLS4i (8601 Series)		330020-750						
¹ TLS4B (8601 Series)		330020-751			6			
TLS4c (8601 Series)		330020-751						
TLS-350/R/PLUS	124/324 or Higher	329356-004	Interstitial Sensor Interface Module	Up to 8	8	Sold Separately		
TLS-350J		329356-003	4 Probe / 4 Sensor Interface Module	1	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- optical phase correct - no liquid present						
	Fuel alarm	Optical light phase change						
	Sensor out	Sensor not communicating to ATG / Console						
Installation Kit	330020-012	Universal Sensor Mounting Kit (Sold separately)						
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	Gasoline <0.2" (0.5cm); water <0.2"							
Operating Temp	14 to +140°F (-10 to +60°C)							
Dimensions	4.3" (11cm) length, 1.5" (3.8cm) width, 0.5" (1.3cm) thick							
Miscellaneous / Notes	Standard Cable 25 feet (7.6m) Fits 4 to 10 foot [1.2 to 3m] I.D.fiberglass tanks							
Third Party Evaluation	http://www.nwglde.org/evals/veeder_root_o.html							
Links	http://www.veeder.com/us/products/tls-automatic-tank-gauge-systems/sensors/dispenser-pan-monitoring-sensors							
Warranty with System	1 Yr Parts & Labor							
Warranty (When purchased separately)	1 Yr Parts Only							