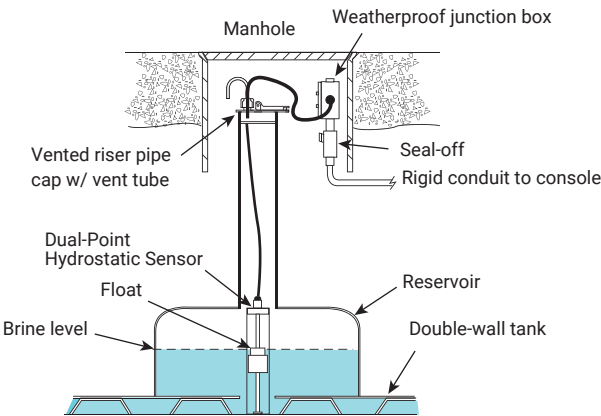


Sensor Description	Dual-Point Hydrostatic Reservoir Sensor (Brine-Filled Double-Wall Tank Sensor)	The Hydrostatic Reservoir Sensor accurately detects fluid level change in the reservoir and interstice of a double wall storage tank. The Dual-Point version is ideal for high groundwater areas, and can differentiate between a high level alarm condition and a low level alarm condition. If an inner-wall leak occurs, the brine seeps into the tank triggering a low level alarm. If an outer wall leak occurs, fluid seeps into the interstice triggering a high level alarm.					
Part Number	794380-303						
Category	☐ Discriminating ☐ Non-Discriminating ☐ Position Sensitive			☐ Level Sensing ☐ Static Testing ☒ Hydrostatic			
Fuel Compatibility	☒ Gas ☒ Diesel ☒ Kerosene ☒ Jet Fuel ☒ Aviation Gas			☒ E-15 ☒ E-85 ¹ ☐ E-100 ☒ Bio-Diesel 20 ☐ Bio-Diesel 100			
¹ Single use only (Test per Sensor Operability Guide in E-10 or less)							
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	329958-001	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	Float is in the Center position (correct amount of brine in reservoir)					
	Low Liquid	Brine drops below 1.2" (3cm)		Where Used (Typical) ☐ Dispenser Pan ☐ Spill Containment ☐ STP Sump ☒ Convault Tank	☒ Annular Space ☐ Monitoring Well ☐ Oil/Water Separator Tank		
	High Liquid	Brine rises above 13.13" (33.4cm)					
	Sensor Out	Sensor not communicating to ATG/Console					
Specifications			Example Installation				
Operating Principle	Reed Switch /Float						
Product Activation Height	Low 1.2" (3cm), High 13.13" (33.4cm)						
Operating Temp	-13 to +122°F (-25 to +50°C)						
Dimensions	17.3" (43.9cm) High, 2.5" (6.4cm) Dia.						
Miscellaneous/Notes	- Standard Cable Length: 12ft (3.65m) - Vented riser cap assembly included - Reservoir solutions: Up to 50% ethylene glycol in water; up to 50% propylene glycol in water; salt brine solution of up to 30% CaCl.						
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles						
Product Link	Dual-Point Hydrostatic Reservoir Sensor						
Warranty with System	1 Yr Parts & Labor						
Warranty (When purchased separately)	1 Yr Parts Only						

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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>