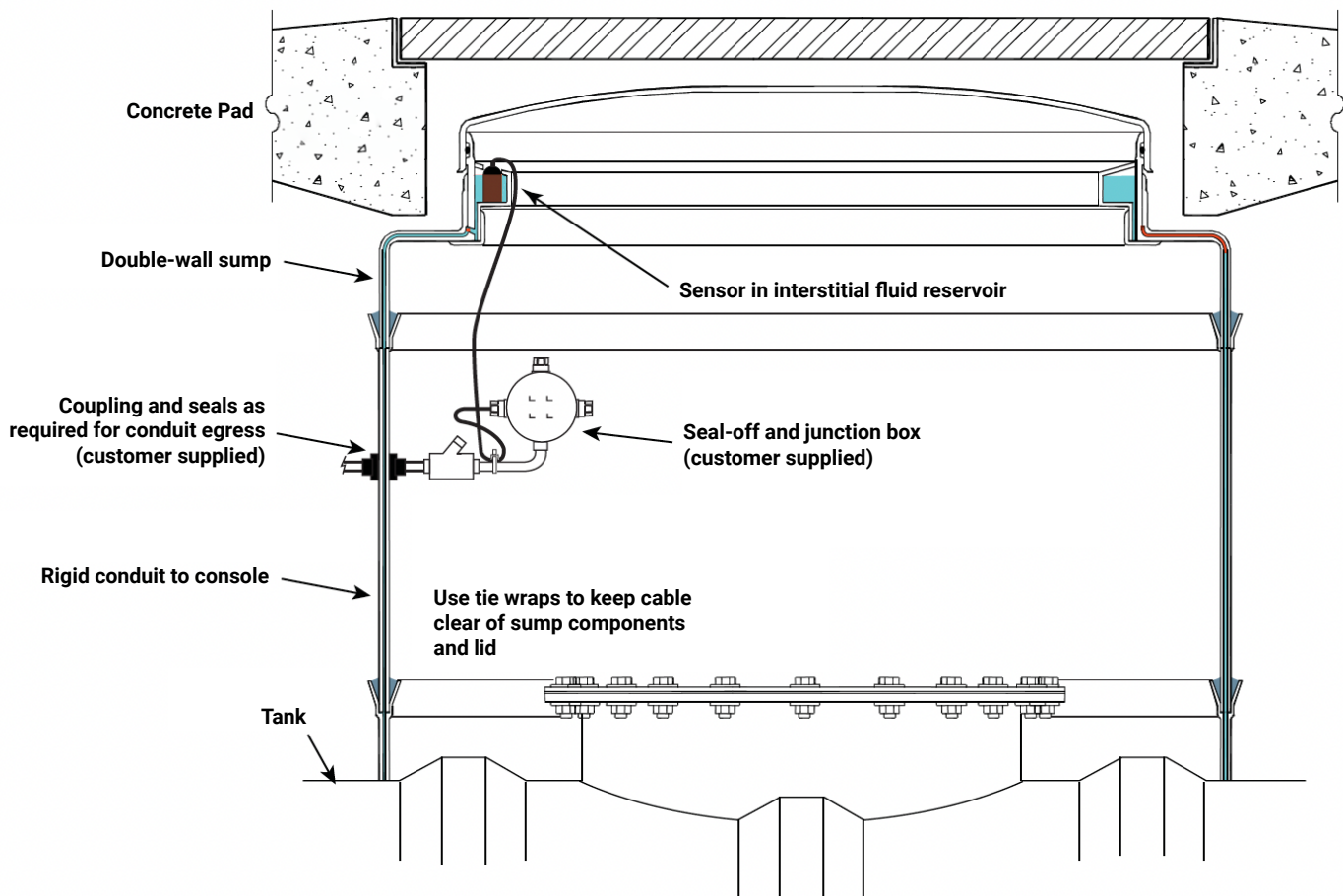| Sensor Description	**Single-Point Mini-Hydrostatic Sensor for Double-Wall Sumps**	The Single-Point Mini-Hydrostatic Sensor accurately detects fluid level change in the interstice reservoir of a double-wall sump. If a leak occurs in the sump interstice, the brine seeps out of the reservoir triggering a low level alarm.
Part Number	**0794380-304**	

Category	☐ Discriminating ☐ Level Sensing	
	☐ Non-Discriminating ☐ Static Testing	
	☐ Position Sensitive ☑ Hydrostatic	

Fuel Compatibility	☑ Gas ☑ E-15 ☑ Green Diesel
	☑ Diesel ☑ E-85[1] ☐ DEF
	☑ Kerosene ☑ E-100 ☑ Waste Oil
	☑ Jet Fuel ☑ Bio-Diesel 20 ☑ Motor Oil
	☑ Aviation Gas ☑ Bio-Diesel 100

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)						
TLS4B (8601 Series)		0330020-751			6	
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher	0329958-001	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	Float is in UP position (correct amount of brine in reservoir)
	Fuel Alarm	Float is in DOWN position (low brine level in reservoir)
	Sensor Out	Sensor not communicating to ATG/Console

Specifications	
Operating Principle	Reed Switch / Float
Product Activation Height	0.79" (2cm)
Operating Temperature	-13°F to +122°F (-25°C to +50°C)
Dimensions	2.5" (6.4cm) high, 1.5" (3.8cm) diameter
Miscellaneous/Notes	Standard Cable Length: 8' (2.43m); 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	Single-Point Mini-Hydrostatic Sensor
Warranty with System	1 Year Parts & Labor
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

Concrete Pad

Sensor in interstitial fluid reservoir

Double-wall sump

Coupling and seals as required for conduit egress (customer supplied)

Seal-off and junction box (customer supplied)

Rigid conduit to console

Use tie wraps to keep cable clear of sump components and lid

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