

<b>System Description</b>	<b>Secondary Containment Vacuum Sensor (SCVS)</b>	This type of sensor monitors interstitial containment areas such as those in double-walled tanks, piping, and sumps.				
<b>Part Number</b>	<b>0857280-xxx</b>					
<b>Category</b>	<input checked="" type="checkbox"/> Interstitial/Vacuum <input type="checkbox"/> Level Sensing <input checked="" type="checkbox"/> Non-Discriminating <input type="checkbox"/> Static Testing <input type="checkbox"/> Position Sensitive <input type="checkbox"/> Hydrostatic					
<b>Fuel Compatibility</b>	<input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> E-15 <input checked="" type="checkbox"/> Green Diesel <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> E-85 <input type="checkbox"/> DEF <input checked="" type="checkbox"/> Kerosene <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Waste Oil <input checked="" type="checkbox"/> Jet Fuel <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Motor Oil <input checked="" type="checkbox"/> Aviation Gas <input type="checkbox"/> Bio-Diesel 100					
<b>Console Compatibility</b>	<b>Recommended Min. Console Software</b>	<b>Sensor Interface Modules</b>				
		<b>Module Part #</b>	<b>Module Description</b>	<b># of Modules per Console</b>	<b># of Sensor Inputs per Module</b>	<b>Availability</b>
TLS-450PLUS (8600 Series) <sup>3</sup>	9.B or Higher	0332812-006	Universal Sensor Module (USM) W/ Attached ATM Pressure Sensor	Up to 4 – TLS-4xx Up to 8 – TLS-4xx w/ opt. TLS-XB	8	Sold Separately
		0333972-029	SEM w/Secondary Containment Vac Monitoring	1	N/A	
		0332813-001	Input/Output Module (IOM) <sup>1,2</sup>	Up to 3	N/A	
TLS-350, TLS-350R w/ BIR and TLS-350PLUS Enhanced <sup>2,3</sup>	24C or Higher	0332250-001	7 Input Smart Sensor/ Pressure Module	1 for up to 7 Vac Sensors	7	Sold Separately
		0329356-004	8 Input Smart Sensor/ Pressure Module	1 for each additional 8 Vac Sensors	8	Sold Separately
<b>Alarm Notification</b>	Normal	Sensor in Normal State – Vacuum is at minimum level or greater, no liquid detected				
	No Vacuum	Leak in the interstitial space has caused the system to lose vacuum				
	Liquid Alarm	The float sensor has detected liquid in the interstitial space				
<b>Specifications</b>						
Operating Principle	Vacuum sensor with liquid float switch					
Operating Temperature	-40° to +140°F (-40°C to +60°C)					
Third Party Evaluation Link	<a href="#">TLS-3XX/TLS-450 Series Consoles</a>					
Product Link	<a href="#">Secondary Containment Vacuum Sensor (SCVS)</a>					
Warranty with System	1 Year Parts & Labor					
Warranty (When purchased separately)	1 Year Parts Only					

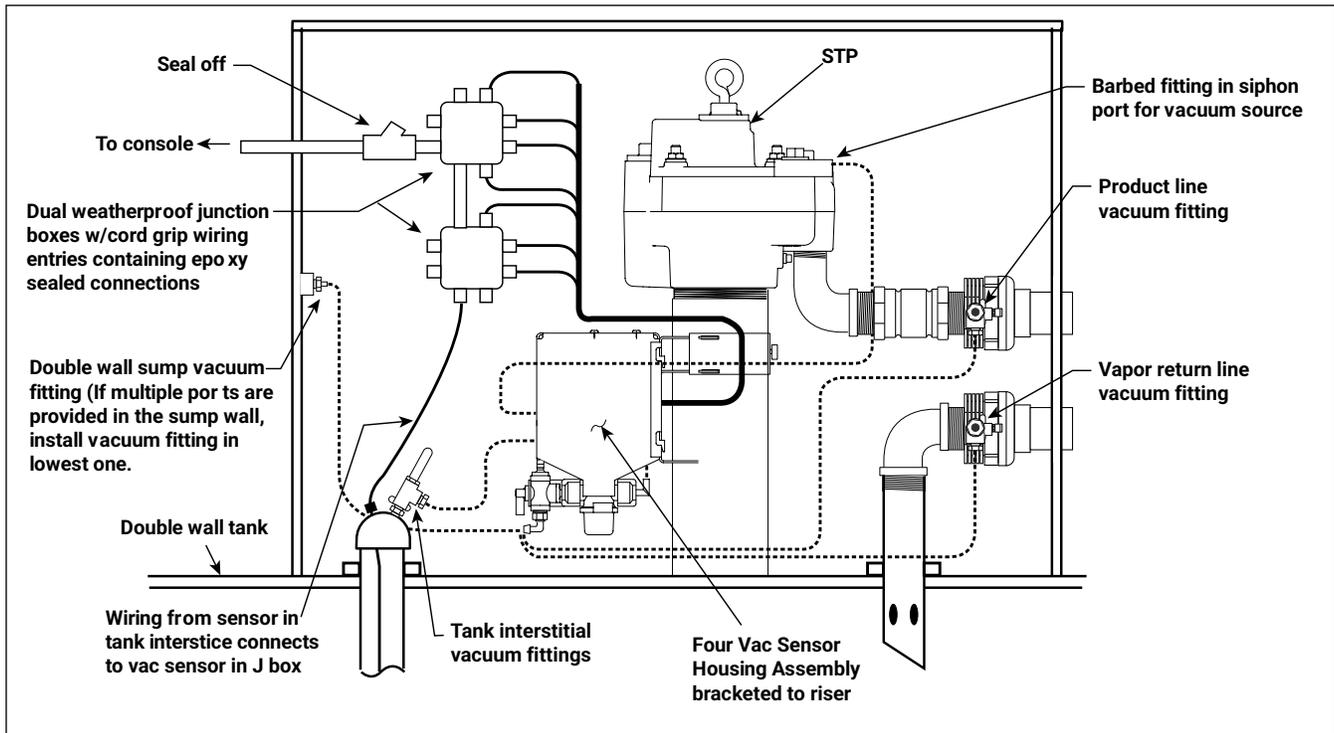
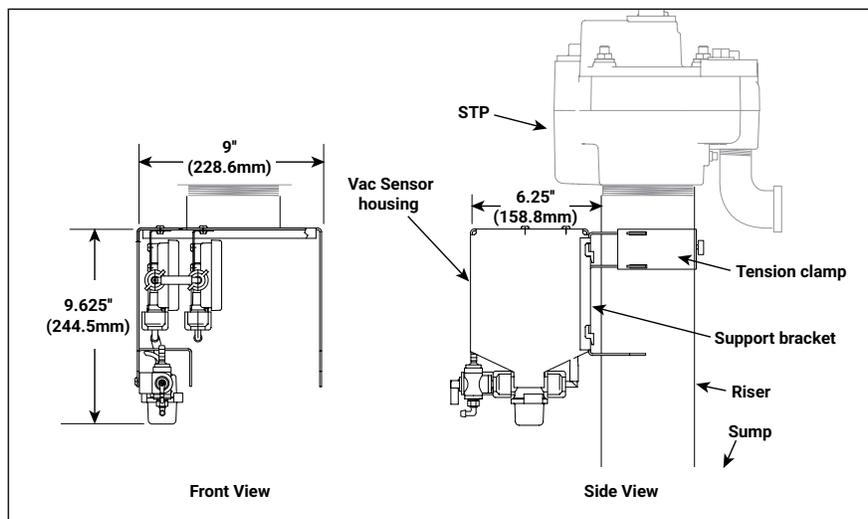
<sup>1</sup> Required if the site does not have D/PLLD

<sup>2</sup> Additional hardware may be required - requires ECPU2 or ECPU w/NVMEM1 board

<sup>3</sup> Console is required to have pump sense (or sensor) and control hardware

**Where Used (Typical)**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Dispenser Pan | <input checked="" type="checkbox"/> Annular Space |
| <input type="checkbox"/> Spill Containment        | <input type="checkbox"/> Monitoring Well          |
| <input checked="" type="checkbox"/> STP Sump      | <input type="checkbox"/> Oil/Water Separator Tank |
| <input checked="" type="checkbox"/> Convault Tank |   |

**Example Diagrams**

**Installation Example**

**Overall Housing Dimensions**

# Notice

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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:

<https://neiwpsc.org/nwglde/>