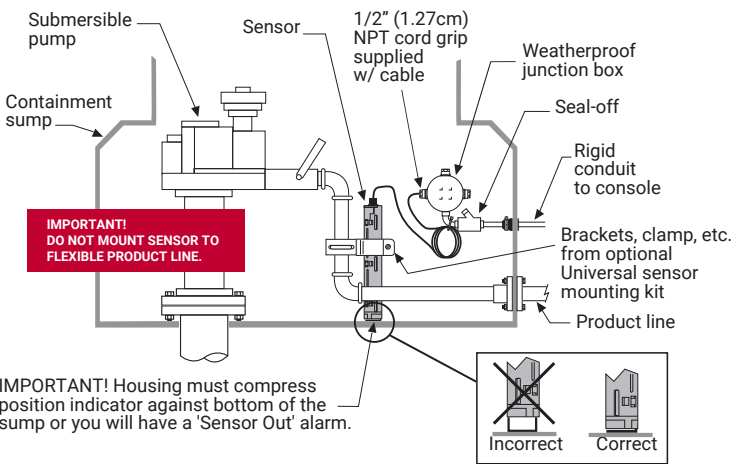| Sensor Description	**Position Sensitive Sensor**	This sensor is installed in a containment sump or dispenser pan and will detect the presence of, and differentiate between, hydrocarbons and other liquids.

Part Number	**794380-323**

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
- ☑ Green Diesel
- ☐ DEF
- ☑ Waste Oil
- ☑ Motor Oil

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 Output 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	329358-001	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 - No liquid detected
	Sensor Out	Sensor not resting on bottom of containment or sensor not communicating to ATG/Console
	Fuel Alarm	Liquid detected in containment area at approx. 1.5" (3.81cm)

Installation Kit	330020-012	Universal Sensor Mounting Kit (Sold separately)

Specifications		Example Installation
Operating Principle	Product Permeable, Reed Switch /Float	
Product Activation Height	Liquid - Approx. 1.5" (3.81cm)	
Operating Temperature	+32 to +140°F (0 to +60°C)	
Dimensions	12" (30.5cm) high, 2.2" (5.6cm) dia.	
Miscellaneous/Notes	Standard Cable Length: 12ft (3.66m).	
Third Party Evaluation Links	*TLS-3XX/TLS-450 Series Consoles* *TLS4 (8601Series) Consoles*	
Product Link	*Position Sensitive Sensor*	
Warranty with System	1 Yr Parts & Labor	
Warranty (When purchased separately)	1 Yr Parts Only	

IMPORTANT!
DO NOT MOUNT SENSOR TO FLEXIBLE PRODUCT LINE.

IMPORTANT! Housing must compress position indicator against bottom of the sump or you will have a 'Sensor Out' alarm.

Incorrect   Correct

Where Used (Typical)

- ☑ Dispenser Pan
- ☑ Spill Containment
- ☑ STP Sump
- ☐ Convault Tank
- ☐ Annular Space
- ☐ Monitoring Well
- ☐ Oil/Water Separator 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