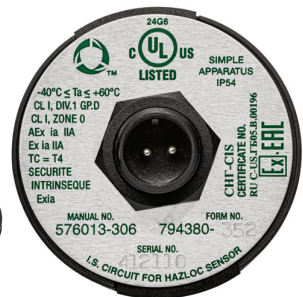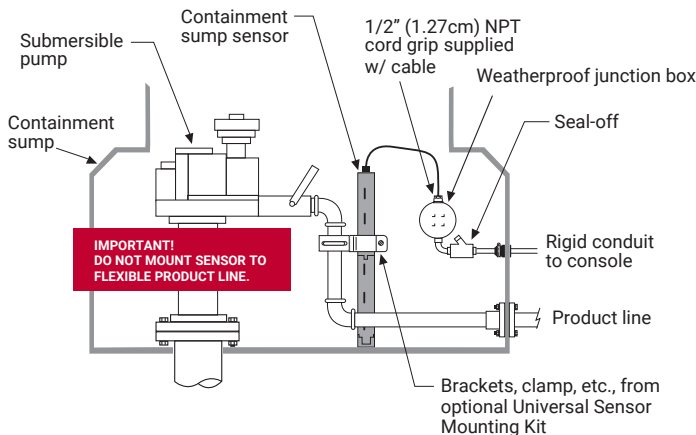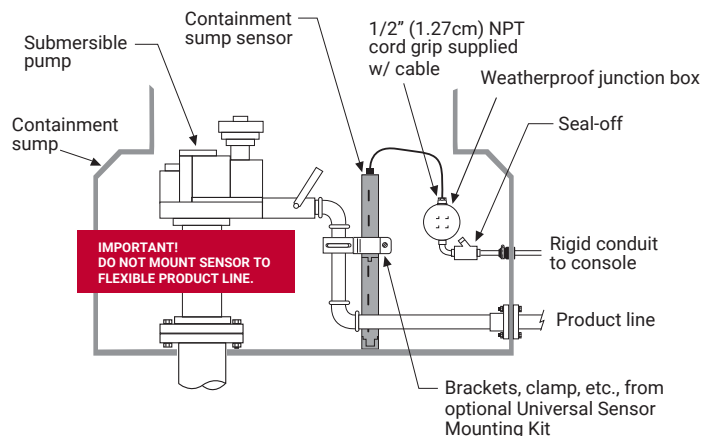| Sensor Description	**Discriminating Containment Sump Sensor**	This type of discriminating sensor is installed in a containment sump area. It detects the presence of, and differentiates between, hydrocarbons and other liquids.

Part Number	**794380-352**

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	☑ Green Diesel ☐ DEF ☑ Waste Oil ☑ Motor Oil

[1]Single use only (Test per Sensor Operability Guide in E-10 or less)

Sensor Interface Modules

Console Compatibility (International Only[2])	Recommended Min. Console Software	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)[2]	6A or Higher	330020-750	Universal Sensor Input Out-put Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)						
TLS4B (8601 Series)[2]		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		4	Sold Separately
TLS-300i		330230-001	4 Probe / 8 Sensor Interface Module	1	8	Included
TLS-300C		330513-001	2 Probe / 8 Sensor Options			

Alarm Notification	Normal	Sensor in Normal State - No liquid detected
	Low Liquid	Liquid detected at a minimum of 1.35" (3.4cm)
	High Liquid	Liquid detected at a minimum of 12.28" (31.19cm)
	Fuel Alarm	Permeable material saturated with Fuel
	Sensor Out	Sensor not communicating to ATG/Console

Where Used (Typical)

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

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

Specifications		**Example Installation**
Operating Principle	product permeable, reed switch/float	
Product Activation Height	Gas - 0.125" (3.175mm); Water - Low 1.35" (3.4cm), High 12.28" (31.19cm)	
Operating Temperature	+32 to +140°F (0 to +60°C)	
Dimensions	22.1" (56.1cm) high, 2.2" (5.6cm) dia.	
Miscellaneous/Notes	Standard Cable Length: 12 ft (3.66m)	
Third Party Evaluation Links	TLS-3XX/TLS-450 Series Consoles TLS4 (8601 Series) Consoles	
Product Link	Discriminating Containment Sump Sensor	
Warranty with System	1 Yr Parts & Labor	
Warranty (When purchased separately)	1 Yr Parts Only	

Example Installation diagram: Submersible pump, Containment sump sensor, 1/2" (1.27cm) NPT cord grip supplied w/ cable, Weatherproof junction box, Seal-off, Rigid conduit to console, Product line, Brackets, clamp, etc., from optional Universal Sensor Mounting Kit, Containment sump.

IMPORTANT! DO NOT MOUNT SENSOR TO FLEXIBLE PRODUCT LINE.

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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