VEEDER-ROOT

Discriminating Containment Sump Sensor Specifications

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	**0794380-352**	

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)



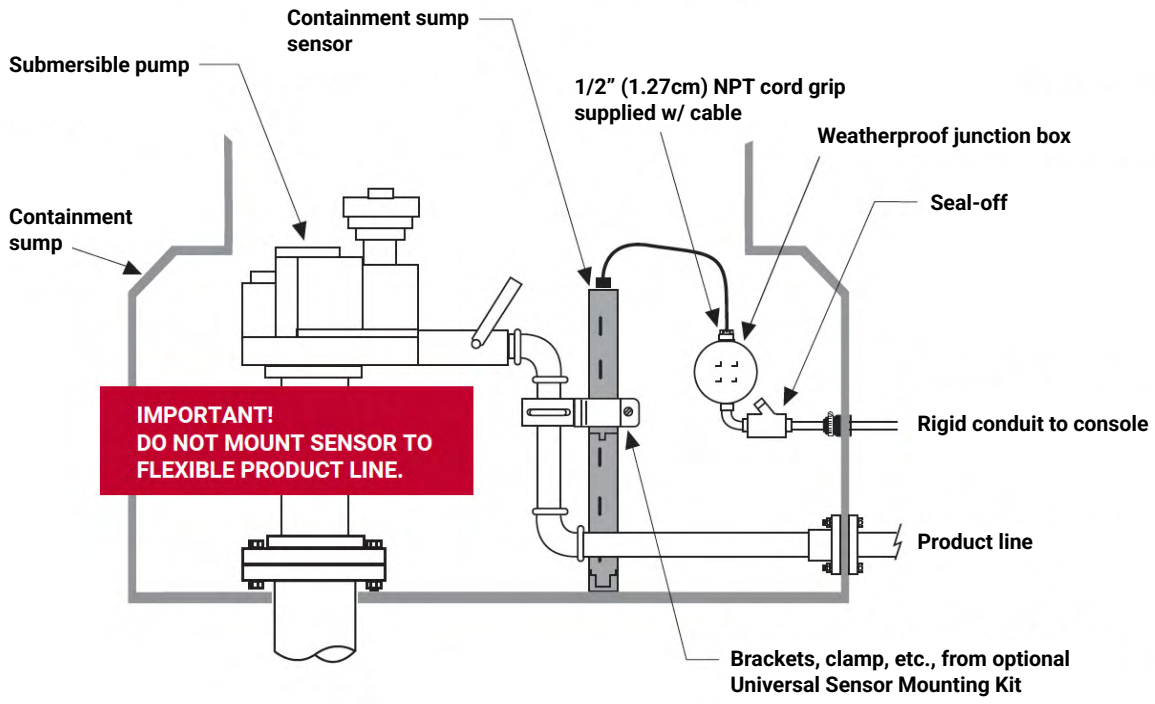
Console Compatibility	**Recommended Min. Console Software**	**Sensor Interface Modules**				
		Module Part #	**Module Description**	**# of Modules per Console**	**# of Sensor Inputs per Module**	**Availability**
TLS-450PLUS (8600 Series)	6.A or Higher	0332812-001	Universal Sensor Module (USM)	Up to 4 – 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	0329358-001	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	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
Installation Kit	0330020-012	Universal Sensor Mounting Kit (Sold Separately)

Specifications	
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°F to +140°F (0°C to +60°C)
Dimensions	22.1” (56.1cm) high, 2.2” (5.6cm) diameter
Miscellaneous/Notes	Standard Cable Length: 12’ (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 Year Parts & Labor
Warranty (When purchased separately)	1 Year Parts Only

Where Used (Typical)	
	☐ Dispenser Pan ☑ Spill Containment ☑ STP Sump ☐ Convault Tank ☐ Annular Space ☐ Monitoring Well ☐ Oil/Water Separator Tank

Example Installation



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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://neiwpcc.org/nwglde/

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