
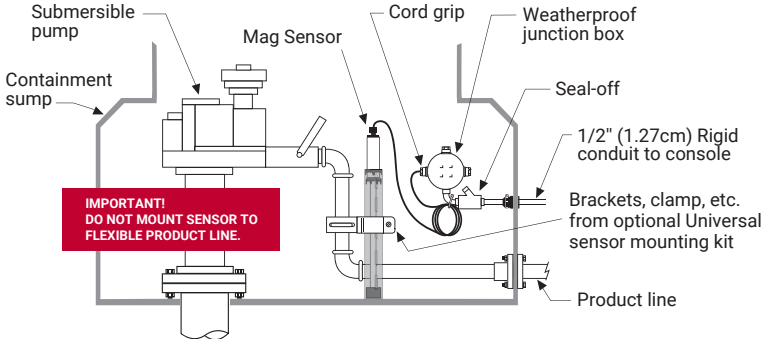
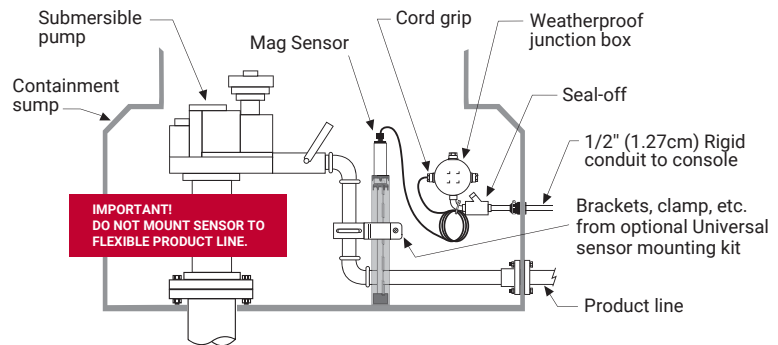


Sensor Description	Magnetostrictive Discriminating Level Indicating Containment Sump Sensor		This type of sensor is installed in a dispenser pan or containment sump and will detect the presence of, and differentiate between, fuel and other liquids.			
Part Number	857080-111 (12"/30.48cm), -112 (24"/60.96cm) / 857080-211 (12"/30.48cm), -212 (24"/60.96cm). The -211 and -212 sensors are capable of performing a Sump Integrity Test.					
Category	<input checked="" type="checkbox"/> Discriminating <input type="checkbox"/> Non-Discriminating <input checked="" type="checkbox"/> Position Sensitive		<input checked="" type="checkbox"/> Level Sensing <input checked="" type="checkbox"/> Static Testing <input type="checkbox"/> Hydrostatic			
Fuel Compatibility	<input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> Kerosene <input checked="" type="checkbox"/> Jet Fuel <input checked="" type="checkbox"/> Aviation Gas		<input checked="" type="checkbox"/> E-15 <input checked="" type="checkbox"/> E-85 <input checked="" type="checkbox"/> E-100 <input checked="" type="checkbox"/> Bio-Diesel 20 <input checked="" type="checkbox"/> Bio-Diesel 100			
Console Compatibility (*International Only <sup>1</sup> )	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) TLS-450	6A or Higher 4A 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
TLS4 (8601 Series) <sup>1</sup> TLS4i (8601 Series) TLS4B (8601 Series) <sup>1</sup> TLS4c (8601 Series)	6A or Higher	330020-750 330020-751	Universal Sensor Input/ Out-put Module (USIOM-AC)	1	12 6	Included
TLS-350/R/PLUS	124/324 or Higher (-211 and -212 sensors require 126/326 or higher)	329356-004	Smart Sensor Interface Module	Up to 8	8	Sold Separately
TLS-300i TLS-300C	N/A					
Alarm Notification	Normal	Sensor in Normal State - No liquid detected		<div>Where Used (Typical)</div> <div><input checked="" type="checkbox"/> Dispenser Pan <input checked="" type="checkbox"/> Spill Containment <input checked="" type="checkbox"/> STP Sump <input type="checkbox"/> Convault Tank <input type="checkbox"/> Annular Space <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Oil/Water Separator Tank</div>		
	Water Alarm	Water detected at a minimum of 1.614" (2.83cm)				
	Fuel Alarm	Fuel detected 1.368" (3.47cm)				
	Sensor Comm. Alarm	Sensor not communicating to ATG/Console				
Installation Kit	330020-012	Universal Sensor Mounting Kit (Sold separately)				
Specifications			Example Installation			
Operating Principle	Magnetostrictive probe with dual floats					
Product Activation Height	Water 1.614" (4.1cm), Fuel 1.368" (3.47cm)					
Operating Temperature	-40°F to +140°F (-40°C to +60°C)					
Dimensions	2.4" (6.1cm) Diameter; 21.4" (54.4cm) Long (-111 and -211 models), 33.4" (84.8cm) Long (-112 and -212 models)					
Miscellaneous/Notes	Standard Cable Length: 10ft (3.66m)					
Third Party Evaluation Links	<a href="#">TLS-350/TLS-450 Series Consoles</a> <a href="#">TLS4 (8601 Series) Consoles</a>					
Product Link	<a href="#">Mag Sump Sensor</a>					
Warranty with System	1 Yr Parts & Labor					
Warranty (When purchased separately)	1 Yr Parts Only					



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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>