
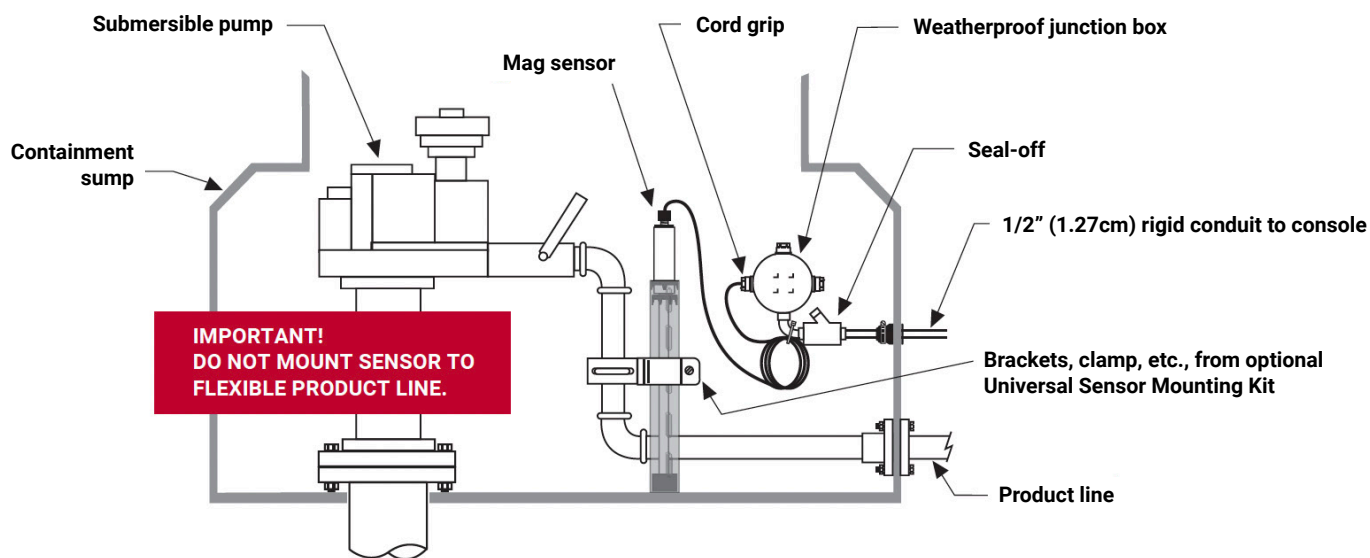


Sensor Description	Magnetostrictive Discriminating Level Indicating Containment Sump Sensor		This type of sensor is installed in a dispenser pan or containment sump and will detect the presence of, and differentiate between, fuel and other liquids.			
Part Number	0857080-111 (12"/30.48cm), -112 (24"/60.96cm) / 0857080-211 (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	<div><input checked="" type="checkbox"/> Gas<input checked="" type="checkbox"/> E-15<input checked="" type="checkbox"/> Green Diesel</div> <div><input checked="" type="checkbox"/> Diesel<input checked="" type="checkbox"/> E-85¹<input checked="" type="checkbox"/> DEF</div> <div><input checked="" type="checkbox"/> Kerosene<input checked="" type="checkbox"/> E-100<input checked="" type="checkbox"/> Waste Oil</div> <div><input checked="" type="checkbox"/> Jet Fuel<input checked="" type="checkbox"/> Bio-Diesel 20<input checked="" type="checkbox"/> Motor Oil</div> <div><input checked="" type="checkbox"/> Aviation Gas<input checked="" type="checkbox"/> Bio-Diesel 100</div>					
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)					6	
TLS4B (8601 Series)						
TLS4c (8601 Series)						
TLS-350/R/PLUS	124/324 or Higher (-211 and -212 sensors require 126/326 or higher)	0329356-004	Smart Sensor Interface Module	Up to 8	8	Sold Separately
Alarm Notification	Normal	Sensor in Normal State – No liquid detected				
	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	0330020-012	Universal Sensor Mounting Kit (Sold Separately)				
Specifications						
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: 12' (3.66m)					
Third Party Evaluation Links	TLS-350/TLS-450 Series Consoles TLS4 (8601 Series) Consoles					
Product Link	Mag Sump Sensor					
Warranty with System	1 Year Parts & Labor					
Warranty (When purchased separately)	1 Year Parts Only					

Where Used (Typical)

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