

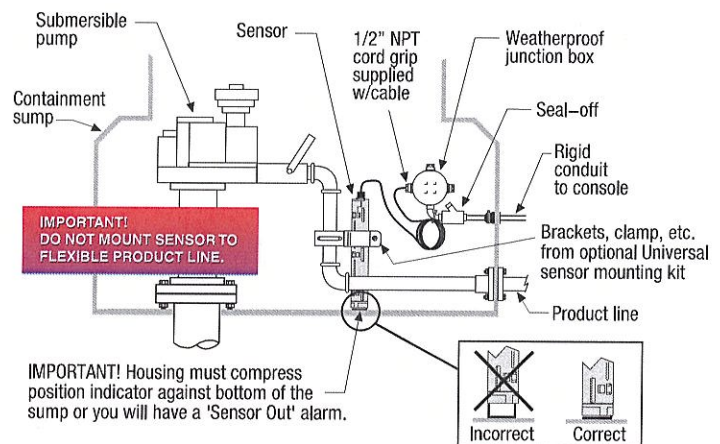
Sensor Application Matrix

			Where Used						Category						Fuel Compatibility														
Sensor Description	Form #	Page #	Dispenser Pan	Spill Containment	STP Sump	Convault Tank	Annular Space	Monitoring Well	Oil/Water Separator tank	Discriminating	Non-Discriminating	Position Sensitive	Level Sensing	Static Testing	Hydrostatic	100% Gasoline	Diesel	Kerosene	Jet Fuel	Aviation Gas	E-15	E-85	E-100	Bio-Diesel 20	Bio-Diesel 100	Renewable (Green) Diesel	Diesel Exhaust Fuel (DEF)	Waste Oil	Motor Oil
DPS Standard Dispenser Pan	794380-322	2	X	X						X						X	X	X	X	X	X	X ¹		X		X		X	X
CSS Standard Containment Sump	794380-352	3		X	X					X						X	X	X	X	X	X	X ¹		X		X		X	X
DPO Optical Dispenser Pan	794380-320	4	X	X						X						X	X	X	X	X	X	X ¹		X		X		X	X
CSO Optical Containment Sump	794380-350	5		X	X					X						X	X	X	X	X	X	X ¹		X		X		X	X
MSS Mag Sump Sensor	857080-XXX	6	X	X	X					X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
SSDP Solid-State Dispenser Pan	794380-321	7	X	X							X					X	X	X	X	X	X			X	X	X		X	X
SSCS Solid-State Containment Sump	794380-351	8		X	X						X					X	X	X	X	X	X			X	X	X		X	X
Piping Sump	794380-208	9	X	X	X						X					X	X	X	X	X	X			X		X		X	X
Non-Discriminating Standalone Dispenser Pan	847990-001	10	X	X	X						X					X	X	X	X	X	X			X		X		X	X
Position-Sensitive	794380-323	11	X	X	X						X	X				X	X	X	X	X	X	X	X	X		X		X	X
Interstitial for Fiberglass Tanks, Discriminating	794380-343	12					X			X						X	X	X	X	X	X			X	X	X	X	X	X
Interstitial for Fiberglass Tanks	794390-409	13					X				X					X	X	X	X	X	X			X		X			
Interstitial for Fiberglass Tanks, High Alcohol	794380-345	14					X				X					X	X	X	X	X	X	X	X	X	X	X	X	X	X
Interstitial for Steel Tanks	794390-4X0	15			X		X				X					X	X	X	X	X	X			X		X		X	X
Interstitial for Steel Tanks, Position Sensitive ²	794380-333	16		X			X				X	X				X	X	X	X	X	X	X	X	X	X	X		X	X
Interstitial for Steel Tanks, High Alcohol	794380-430	17					X				X					X	X	X	X	X	X	X	X	X	X	X		X	X
Interstitial for Steel Tanks, High Alcohol, small footprint	794380-344	18		X			X				X					X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hydrostatic Reservoir (Dual Point)	794380-303	19					X								X	X	X	X	X	X	X	X ¹	X ¹	X		X		X	X
Single-Point Hydrostatic Sensor	794380-301	20					X								X	X	X	X	X	X	X	X ¹	X ¹	X		X			
Single-Point Mini-Hydrostatic Reservoir (High Alcohol)	794380-304	21					X								X	X	X	X	X	X	X	X	X	X	X	X		X	X
Vapor	794390-700	22						X								X			X	X	X								
Groundwater	794380-62X	23						X								X	X	X	X	X	X			X		X		X	X
Oil / Water Separator	794690-XXX	24							X							X	X	X	X	X	X			X				X	X

¹Single use only if sensor was exposed to E85 or E100 (Test per Sensor Operability Guide [P/N 577013-814] in E-10 or less)

²Small Containment Areas (i.e. Spill Buckets)

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.		Sensor Matrix 		
Form Number	794380-323					
Where Used (Typical)	☒ Dispenser Pan ☐ Annular Space ☒ Spill Containment ☐ Monitoring Well ☒ STP Sump ☐ Oil/Water Separator Tank ☐ Convault Tank		Category			
Fuel Compatibility	 ☒ Gas ☒ E-15 ☒ Green Diesel ☒ Diesel ☒ E-85 ☐ DEF ☒ Kerosene ☒ E-100 ☒ Waste Oil ☒ Jet Fuel ☒ Bio-Diesel 20 ☒ Motor Oil ☒ Aviation Gas ☐ Bio-Diesel 100		☐ Discriminating ☒ Non-Discriminating ☒ Position Sensitive ☐ Level Sensing ☐ Static Testing ☐ Hydrostatic			
Console Compatibility (*International Only¹)	Recommended Min. Console Software	Sensor Interface Modules				
		Module Form #	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	332812-001				
¹ TLS4 (8601 Series)	6A or Higher	330020-750	Universal Sensor Input Output Module (USIOM-AC)	1	12	Included
TLS4i (8601 Series)		330020-750				
¹ TLS4B (8601 Series)		330020-751			6	
TLS4c (8601 Series)		330020-751				
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 alarm	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 Temp	+32 to +140°F (0 to +60°C)					
Dimensions	12" (30.5cm) high, 2.2" (5.6cm) dia.					
Miscellaneous / Notes	Standard Cable Length: 12 Feet (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