

Probe Description & Product Application	Mag Plus In-Tank Probe for Mowith & without Water Detection	onitoring <b>Light &amp; Heav</b> <b>n</b> in both USTs and AS	r <b>y Oil Products</b> STs				
	Part # & Descr	Approved Products (Use with Light Oil Float Kit)		Monitoring Functionality Options			
Specific Products Monitored / Product Compatibility	No Leak Detection/Inventory Only Probes with Water Detection  1. 0846397-3xx Stainless Steel (SS) In-Tank Probe with High Grade Polymer (HGP) Canister with Water Detection & No Leak Detection/Inventory Only, UL		Bio Diesel (High Density – Specific Gravity > 0.865) *		No Leak Detection / Inventory Only		
			Fuel Oil #4				
			Motor Oil **				
	No Leak Detection/Inventory Only Probes with No Water Detection  1. 0846397-6xx SS In-Tank Probe with HGP Canister with No Water Detection & No Leak Detection/Inventory Only, UL		Gear Oil, 90W				
			Toluene				
			Transmission Fluid				
Console Compatibility	Maximum Probes / Console	Probe Interface Modules					
		Module Part #	Module Description	# of Modules per Console	# of P Inputs Mod	s per	Availability
TLS-450PLUS (8600 Series) with TLS-XB installed (3 max per system)	64	0332812-001	Universal Sensor Module (USM) Interface for Probes, Sensors, and DPLLD	Up to 4	16		Sold Separately (either Factory Installed or as a Spare Module)
TLS4 (8601 Series)	12	No mor	nodule required, probe input capability factory installed				
TLS4B (8601 Series)	6	Nomo	140 module required, probe imput capability factory illistalled				
TLS-350/R/PLUS	16	0329356-002	4-Input Probe Interface Module	4	4		Sold Separately (either Factory Installed or as a Spare Module)
TLS-300i	4	No mediate resolved and to the second				ory inct	alled
TLS-300C	2	No module required, probe input capa			mity factory installed		
	Part # & Description		Float Size	Cable Len	gths Min/Max Prob		Max Probe Length
Float Installation Kits	0846400-0x4 Mag Plus Alternative Fluids Float Kit – No Water Float		4" (10.16cm)	5' (1.5m), 10' (3.05m)		48" (1.2m) - 144" (3.66m)	
	0846400-1x4 Mag Plus Alternative Fluids Float Kit – No Water Float		2" (5.08cm)				
	0846400-002 Light Oil		4" (10.16cm)				
	0846400-102 Light Oil		2" (5.08cm)				
	0846400-007 Heavy Oil		4" (10.16cm)				
	0846400-107 Heavy Oil		2" (5.08cm)				

<sup>\*</sup> Tank testing approved for: B6-B20 meeting ASTM D7467 and B100 meeting ASTM D6751

<sup>\*\*</sup> Compatible with tank testing



Other Installation Accessories	0312020-952 4" NPT Riser Cap and Ring Kit for In-Tank Probes 0330020-282 4" Threaded NPT Riser Cap for In-Tank Probes			
Specifications	Product	Water		
Measurement Accuracy	+/- 0.0300" (0.762mm)	+/- 0.0300" (0.762mm)		
Resolution – One Sample Reading	+/- 0.002857" (0.072571mm)	+/- 0.002857" (0.072571mm)		
Minimum Measurement – 2" (5.08cm)Float Kits	3.23" (8.2cm)	0.867" (2.2cm)		
Minimum Measurement – 4" (10.16cm) Float Kits	3.04" (7.72cm)	0.630" (1.6cm)		
Operating (Working) Temperature Range	-40°F to +122°F (-40°C to +50°C)			
Third Party Evaluation / Agency Listings & Links	http://www.nwglde.org/evals/veeder_root_j.html			
Product Installation Guide Link	https://www.veeder.com/us/technical-document-library			

**Example Installation** 

## 14" (35.56cm) min. dia. manhole Probe cable Weatherproof junction box with 1/2" (1.27cm) NPT threads (16 cubic inch (262.2cm³) minimum) Riser cap with cord grip Cord grip seals bushing and nut ۵ Concrete slab or packed earth per NFPA 80 Seal-off, epoxy seal per NFPA spec = 1/2" (1.27cm) Rigid conduit (to Console) Riser pipe: 2- (5.08cm), 3- (7.62cm), or 4" (10.16cm) A = 10" (25.4cm) minimum for global API schedule 40 depending on probe type mag plus/mag plus probes. When installing a probe longer than the the Note: Recommended distance between tank diameter, increase this minimum probe and STP is at least 12" (30.48cm) dimension to compensate. (Example: a 7' (2.1m) - 6" (15.24cm) Tank diameter tank will use an 8' (2.4m) Split-Ring Collar probe, in which case you must add 6" Top view (P/N 0576008-617) (15.24cm) to minimum riser length 'A'). required if probe 3/4" (1.9cm) ID enters the riser. Mag Probe Side view (rests on bottom) 879-13.eps