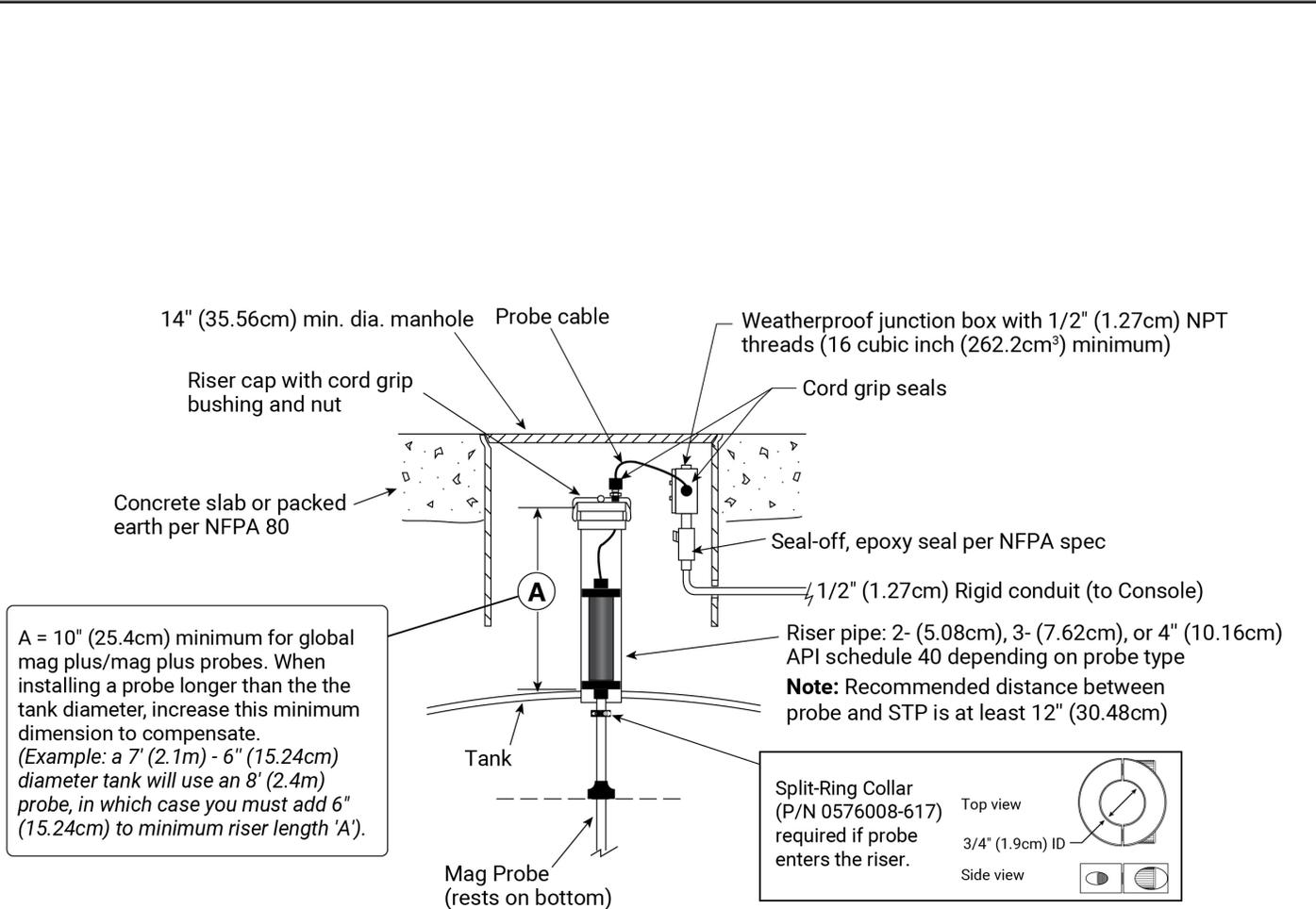


Probe Description & Product Application	Density Mag Plus In-Tank Probe for Monitoring Gasoline Products in both USTs and ASTs					
Specific Products Monitored / Product Compatibility	Part # & Description	Approved Products	Monitoring Functionality			
	Leak Detection / BIR – AccuChart Probes 1. 0846397-7xx Stainless Steel (SS) with High Grade Polymer (HGP) Canister with Water Detection & 0.1GPH Testing Capability, UL 2. 0846397-8xx SS with HGP Canister with Water Detection & 0.2 GPH Testing Capability, UL	Gasoline with <=20% Ethanol	0.1 GPH static in-tank testing			
		Gasoline with <=7% Methanol and 8% TBA	0.2 GPH static in-tank testing			
		Gasoline with <=15% MTBE	0.2 GPH Continuous Statistical Leak Detection (CSLD)			
		Gasoline with <=17% TAME	No Leak Detection / Inventory Only			
	No Leak Detection/Inventory Only Probes 1. 0846397-9xx SS with HGP Canister with Water Detection & No Leak Detection/Inventory Only, UL	Regular Unleaded Gasoline	BIR – AccuChart			
		Premium Unleaded Gasoline	Density Range = 700 - 800 kg/m ³			
		Aviation Gasoline				
		Gasoline with <=15% ETBE				
		Gasoline with <=12% TBA				
Leaded Gasoline						
Console Compatibility	Maximum Probes / Console	Probe Interface Modules				
		Module Part #	Module Description	# of Modules per Console	# of Probe Inputs per Module	Availability
TLS-450PLUS (8600 Series) – Minimum Software Version 5B 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 module required, probe input capability factory installed				
TLS4B (8601 Series)	6					
Float Installation Kits	Form # & Description	Float Size	Cable Lengths	Min/Max Probe Length		
	0886001-1x0 Mag-D Gasoline Float Kit w/ EU Seal Kit 0886000-1x0 Mag-D Gasoline Float Kit w/ US Seal Kit	2" (5.08cm)	5' (1.5m), 10' (3.05m)	48" (1.2m) - 144" (3.66m)		
Other Installation Accessories	0312020-952 4" (10.16cm) NPT Riser Cap and Ring Kit for In-Tank Probes 0330020-282 4" (10.16cm) 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	8.00" (20.32cm)	1.495" (3.797cm)
Operating (Working) Temperature Range	-40°F to +122°F (-40°C to +50°C)	
Third Party Evaluation / Agency Listings & Links	UL, cUL, ATEX, IECEx	
	http://www.nwglde.org/evals/veeder_root_j.html	
Product Installation Guide Link	https://www.veeder.com/us/technical-document-library	

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>