

Issue Date: April 15, 2022

Franklin Fueling Systems

TS-600 evo, and TS-6000 evo with FMP-HFS Horizontal Float Switch, FMP-HIS Hydrostatic Interstitial Float Sensor, and FMP-HIS-XL Hydrostatic Interstitial Float Sensor

INTERSTITIAL DETECTOR (LIQUID-PHASE)

Detector:

Output type: qualitative
Sampling frequency: continuous
Operating principle: float switch

Test Results:

	<u>unleaded gasoline</u>	<u>diesel</u>	<u>water</u>
FMP-HFS			
Detection time (min)	<1	<1	<1
Fall time (min)	<1	<1	<1
Threshold Level (in)	0.5146	0.4908	0.4480
<u>brine</u>			
FMP-HIS			
Detection time (min)	<1		
Fall time (min)	<1		
Threshold Level			
Low level (in)	1.0699		
High level (in)	7.4890		
<u>brine</u>			
FMP-HIS-XL			

Detection time (min)	<1
Fall time (min)	<1
Threshold Level	
Low level (in)	1.0061
High level (in)	10.9546

Applicability:

California Code of Regulations require a written statement of compatibility for systems containing products other than those used in this evaluation.

Comments:

Sensors can be removed, cleaned and reinstalled if an alarm is triggered or if the sensor is periodically tested. The FMP-HIS, FMP-HIS-XL, and FMP-HFS sensors are identical in operation and communication to Franklin Fueling System's TSP-HIS, TSP-HIS-XL, and TSP-HFS sensors. The FMP-HIS, FMP-HIS-XL, and FMP-HFS sensors can connect to any INCON console with no software or setup changes. FMP-HIS, FMP-HIS-XL, and FMP-HFS sensors can be distinguished from TSP-HIS, TSP-HIS-XL, and TSP-HFS sensors by the part number on the label that begins with "FMP" instead of "TSP." The TSP-HIS, TSP-HIS-XL, TSP-HFS, FMP-HIS, FMP-HIS-XL, and FMP-HFS sensors appear as the same device from the automatic tank gauge.

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