

Issue Date: April 15, 2022

Franklin Fueling Systems

EVO 600 and EVO 6000 Console with TSP-HFS Horizontal Float Switch Sensor, TSP-HLS High Level Sensor, TSP-UHS Universal Hydrostatic Sensor, TSP-ULS Universal Liquid Sensor, and TSP-HIS Hydrostatic Interstitial Sensor

INTERSTITIAL DETECTOR (LIQUID-PHASE)

Detector:

Output type: Qualitative
Sampling frequency: Continuous
Operating Principle: float/reed switch

Test Results:

	<u>unleaded gasoline</u>	<u>diesel</u>	<u>water</u>	<u>biodiesel</u>	<u>E85</u>
TSP-HFS					
Detection time (min)	<1	<1	<1	<1	<1
Fall time (min)	<1	<1	<1	<1	<1
Threshold Level (in)	0.5146	0.4908	0.4480	0.4690	0.5046
TSP-HLS					
Detection time (min)	<1	<1	<1	<1	<1
Fall time (min)	<1	<1	<1	<1	<1
Lower detection limit (in)	2.0328	1.9408	1.7658	1.8985	2.0030
TSP-UHS					
Detection time (min)	<1	<1	<1	<1	<1
Fall time (min)	<1	<1	<1	<1	<1

Lower detection limit (in)	0.9628	0.8966	0.7952	0.8839	0.9125
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TSP-ULS

Detection time (min)	<1	<1	<1	<1	<1
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Fall time (min)	<1	<1	<1	<1	<1
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Lower detection limit (in)	1.1243	1.0726	0.9529	1.0620	1.0994
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TSP-HIS

	<u>brine low level</u>	<u>brine high level</u>
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Detection Time (min)	<1	<1
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Fall Time (min)	<1	<1
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Threshold Level (in)	1.0631	7.8099
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Applicability:

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

Comments:

Sensor TSP-UHS is the same as the TSP-ULS sensor except that the float has been inverted so that it may be used to monitor the brine reservoir of containment sumps. An alarm condition will occur when the fluid level drops below the end of the sensor.

Sensors are reusable.

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