

## Franklin Fueling Systems

**Incon TS-1001/2001, TS-5, TS-550, TS-5000, TS-550evo, TS-5000evo, EVO 400, EVO 200,  
and S940 Alarm Consoles with FMP-ULS Universal Liquid  
Sensor, FMP-UHS Universal Hydrostatic Sensor, FMP-ULS-C Universal Liquid Sensor  
Chemical, FMP-ULS-PS Universal Liquid Sensor Position Sensitive sensors**

### 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>biodiesel</u>	<u>water</u>	<u>E85</u>	<u>brine</u>
<b>FMP-ULS</b>						
Detection time (min)	<1	<1	<1	<1	<1	
Fall time (min)	<1	<1	<1	<1	<1	
Threshold Level (in)	1.0155	0.9944	0.9925	0.8775	1.0198	
<b>FMP-UHS</b>						
Detection time (min)	<1	<1	<1	<1	<1	<1
Fall time (min)	<1	<1	<1	<1	<1	<1
Threshold Level (in)	0.9602	0.9144	0.9218	0.9397	0.9397	0.7561
<b>FMP-ULS-PS</b>						
Detection time (min)	<1	<1	<1	<1	<1	
Fall time (min)	<1	<1	<1	<1	<1	
Threshold Level (in)	1.4915	1.4882	1.4758	1.3770	1.4962	
	<u>Lubrizol</u>	<u>Afton</u>				

**FMP-ULS-C**

Detection time (min)	<1	<1
Fall time (min)	<1	<1
Threshold Level (in)	1.1707	1.1281

**FMP-ULS-PS**

Detection time (min)	<1	<1
Fall time (min)	<1	<1
Threshold Level (in)	1.4959	1.4290

**Applicability:**

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

**Comments:**

Ken Wilcox Associates (KWA) has previously evaluated these sensors on one or more Franklin Fueling Systems ATG consoles. Results from the alarm functionality testing with the EVO600 and EVO6000 consoles have been combined with previously evaluated sensor threshold data performed by KWA.

The FMP-ULS-PS is a position sensitive float switch that issues an alarm if not installed properly at the bottom of the intestinal or sump. Sensors are reusable.

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Equipment should be installed and operated in accordance with all applicable laws and regulations. For full details, please refer to our expanded "[DISCLAIMER](#)" page.