

Issue Date: June 30, 2024

PMP Corporation

**PMP Piping Sump Sensor 63228 and 63229 as evaluated
with the Veeder-Root TLS-450 Plus console Series (version 010.J.233.54 software)**

INTERSTITIAL DETECTOR (LIQUID-PHASE)

Detector:

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

Test Results:

Piping Sump Sensor 63228 & 63229	<u>premium gasoline</u>	<u>diesel*</u>	<u>water</u>	<u>E10</u>	<u>E25</u>	<u>E85</u>
Lower detection limit (in)	1.24	1.16	1.17	1.29	1.25	1.25
Precision (in)	0.03	0.01	0.03	0.01	0.03	0.01
Detection time (sec)	<1	<1	<1	<1	<1	<1
Recovery time (sec)	<1	<1	<1	<1	<1	<1

Applicability: California Code of Regulations require a written statement of compatibility for systems containing products other than petroleum-based fuels (biodiesel blends greater than 20%, ethanol blends greater than 10%, solvents, etc.)

*Evaluations determined these sensors' responses to the liquids shown above. Biodiesel blends B6-B20 meeting ASTM D7467 and biodiesel B100 meeting ASTM D6751 would also produce an alarm if the lower detection limit is exceeded. Responses to these fuels were not determined but would be expected to be very similar to the diesel responses.

Comments:

63228 & 63229 are identical except for cable length.

These sensors were third party evaluated with a Veeder Root TLS-450 Plus console Series 8600 (version 010.J.233.54 software).

PMP Corporation claims that these sensors will work with these other consoles: the TLS-450 series, TLS-4 series, TLS-350 series, TLS-300 series, ILS-350, Simplicity, Gilbarco EMC series, EMC Basic series, EMC-PC, Red Jacket ProMax and ProPlus.

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