

Service Bulletin: OPW-RFSVC-2015-0324

Date: March 24, 2015

To: Technicians

From: OPW Retail Fueling

Priority: Level 2 – Important

Subject: OPW Announces Procedure for Configuring an Edge™ Liquid Sensor with Select Veeder-Root Consoles

Dear Technician:

Technicians should follow the procedures outlined below to ensure full functionality of an Edge™ Double-Wall Spill Container with a Liquid Sensor used in conjunction with a Veeder-Root TLS 350, 450 or 450+ ATG. Following these steps will prevent the console from displaying invalid alarms.

Step #1: Identify the plug that allows access to the annular space of the spill bucket. If applicable, remove any debris from the bucket BEFORE loosening the plug, as any water, fuel or other contaminants will enter the annular space if not removed.



TIP: For ease of removal, 1-3/4" (44.5 mm) mason chisel (or, similar tool) is recommended. See below pictures for reference.



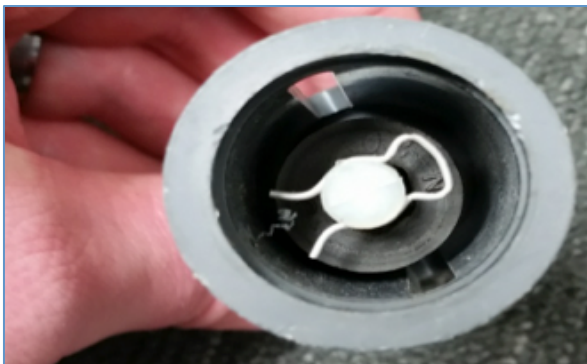
Step #2: Before removing the sensor from the annular space, OPW recommends installing a wire tie through the top of the wire loop. This prevents the sensor from slipping through the retention tube. If the sensor wire slips from the retention tube, the wire must be recovered from the annular space. Remove the sensor.



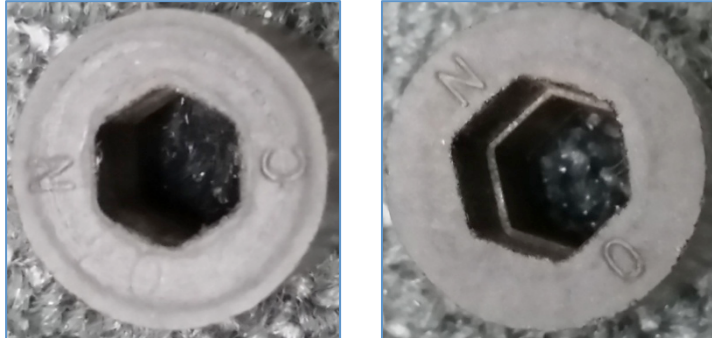
Step #3: Remove the protective end cap from the sensor to access the float.



Step #4: Remove the cotter key that holds the float in place and remove the float gently.



Step #5: Turn the float upside down to change the float's orientation of "Normally Closed" to "Normally Open." Verify the change of the float's orientation by ensuring the letters "N" and "O" are on the top of the float.



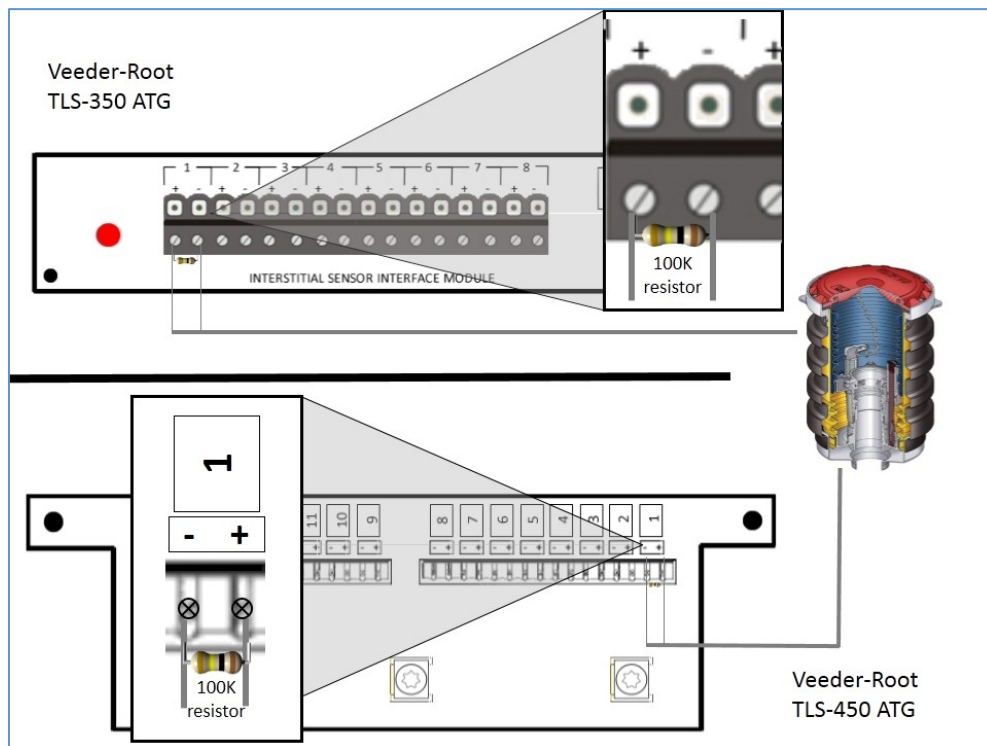
Step #6: Reinstall the cotter key and the protective end cap on the sensor.

Step #7: Reinstall the sensor back into the annular space of the spill bucket and then reinstall the plug that seals off the access to the annular space.



NOTICE: OPW recommends performing a vacuum test on the annular space at this time to ensure the plug has sealed properly.

Step #8: Install the 100k ohm resistor at the Veeder-Root ATG according to the correct diagram below.



Step #9: Program the sensor for Tri-State Single Float.

Step #10: Verify the resistance readings are between 90-100k ohms using the gauge's Sensor Diagnostics.

Step #11: Print a Liquid Sensor Status Report for your records.

For additional assistance, please call OPW Technical Support at (877) 679-8324 with questions.

