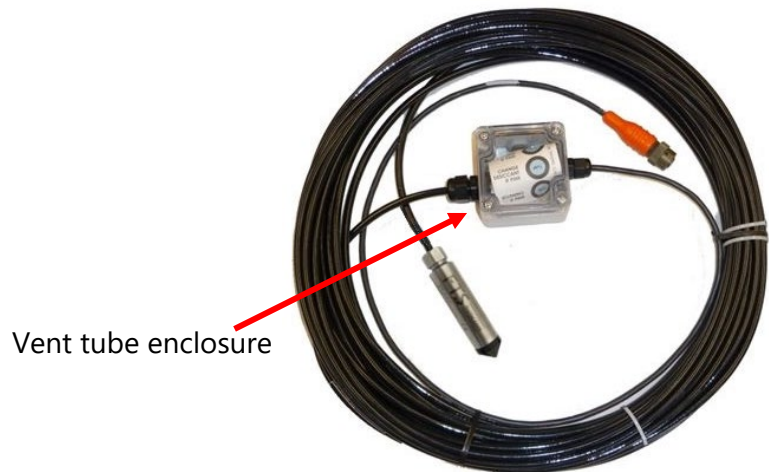


Improved Desiccant Box for Pressure Transducers

This bulletin is relevant to the following Pressure Transducers:

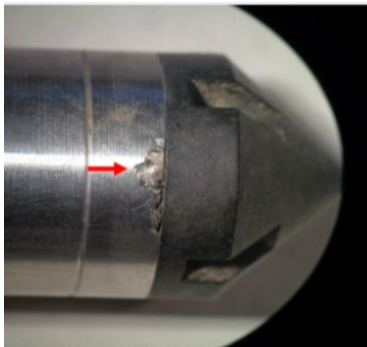
1. **SDI-PT-SS-KEL**
2. **SDI-PT-SS-KEL-USGS**
3. **SDI-PT-TT-KEL**
4. **SDI-PT-TT-KEL-USGS**
5. **SDI-RS485-PT-SS-KE**



Information received from the manufacturer has determined the manner in which the sensor is wired within the vent tube enclosure can result in erroneous readings and damage to the sensor.

Customers can determine if their pressure transducer has been compromised by the following:

- 1) Random non-communication with the sensor;
- 2) Sensor output trends high or remains high; or
- 3) Physical inspection of sensor which shows corrosion on the housing.



If your sensor has demonstrated any of the above conditions, contact FTS support.

In order to prevent the possibility of erroneous readings and sensor damage, customers are requested to amend the internal wiring in the vent tube enclosure in accordance with the following instructions:

- 1) Open the vent tube enclosure (this should be done under dry conditions to minimize humidity entering the vent tube) and inspect the wiring.
 - a) If your box is wired as in Figure 1 with the silver drain wire sharing a screw on the terminal strip with the black ground wire, follow the steps in paragraph 2.
 - b) If your box is wired as in Figure 2, with the silver drain wire attached to a separate screw in the terminal strip, no action is required.

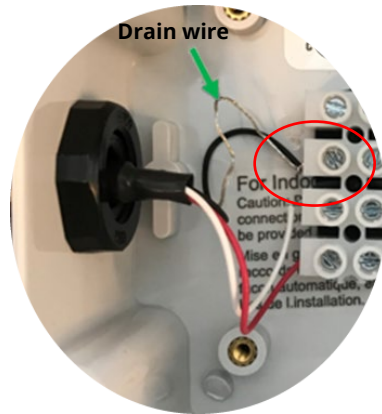


Figure 1

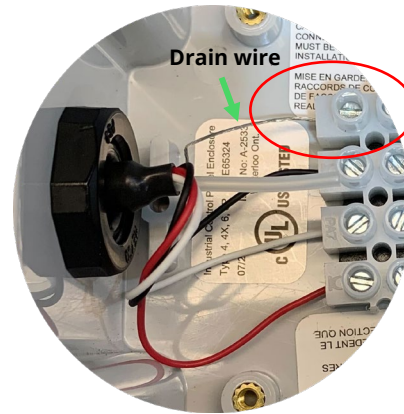


Figure 2

- 2) If the drain wire from the sensor cable is attached to the same pin as the black wire:
 - a) Disconnect the drain wire from the shared pin with the black ground wire;
 - b) Ensure the black ground wire maintains connection with the terminal strip screw and secure;
 - c) Cut the drain wire close to the terminal point of the sensor cable (see Figure 3);

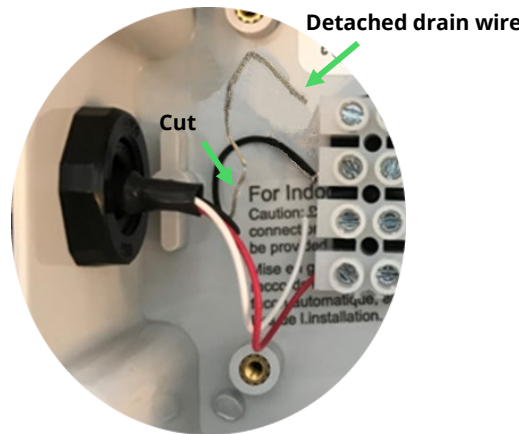


Figure 3

- d) Replace the desiccant pack with a new one to maximize humidity absorption;
- e) Firmly seal the vent tube enclosure.

Additional Information

If you have any questions, please do not hesitate to contact FTS Service & Support.



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