Replacing X59 Analog level sensor and Fiber optic cable with glass tip

XT15/XT15I

Note: Follow steps 1-8 for level sensor module replacement and 8-12 for Fiber optic cable replacement. (1-12 for both)

1. Unplug the Instrument.
2. Unscrew the four screws located on each side of the cabinet back. Lift the cabinet back while removing it from the instrument.
3. Open the electrical box by removing the two screws located on top of the instrument.
4. Loosen the two retainer screws using a flat head screwdriver (figure 1)

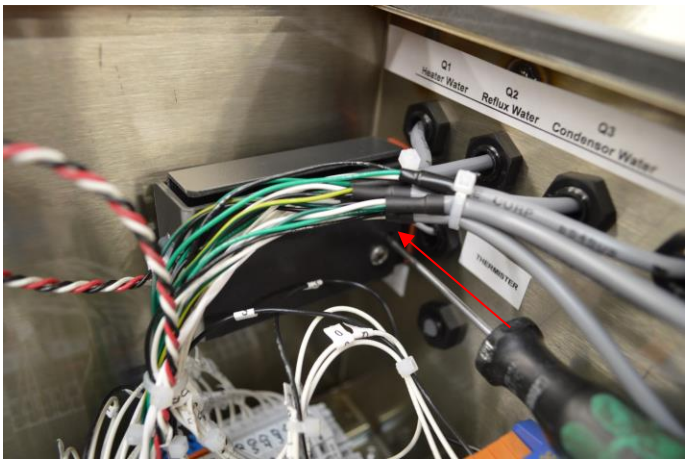


Figure 1 – Old Model

Figure 2 – New Model

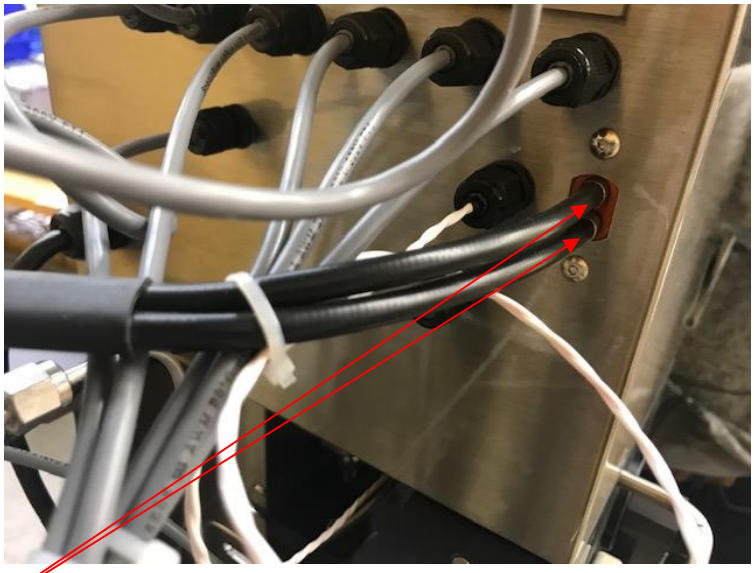


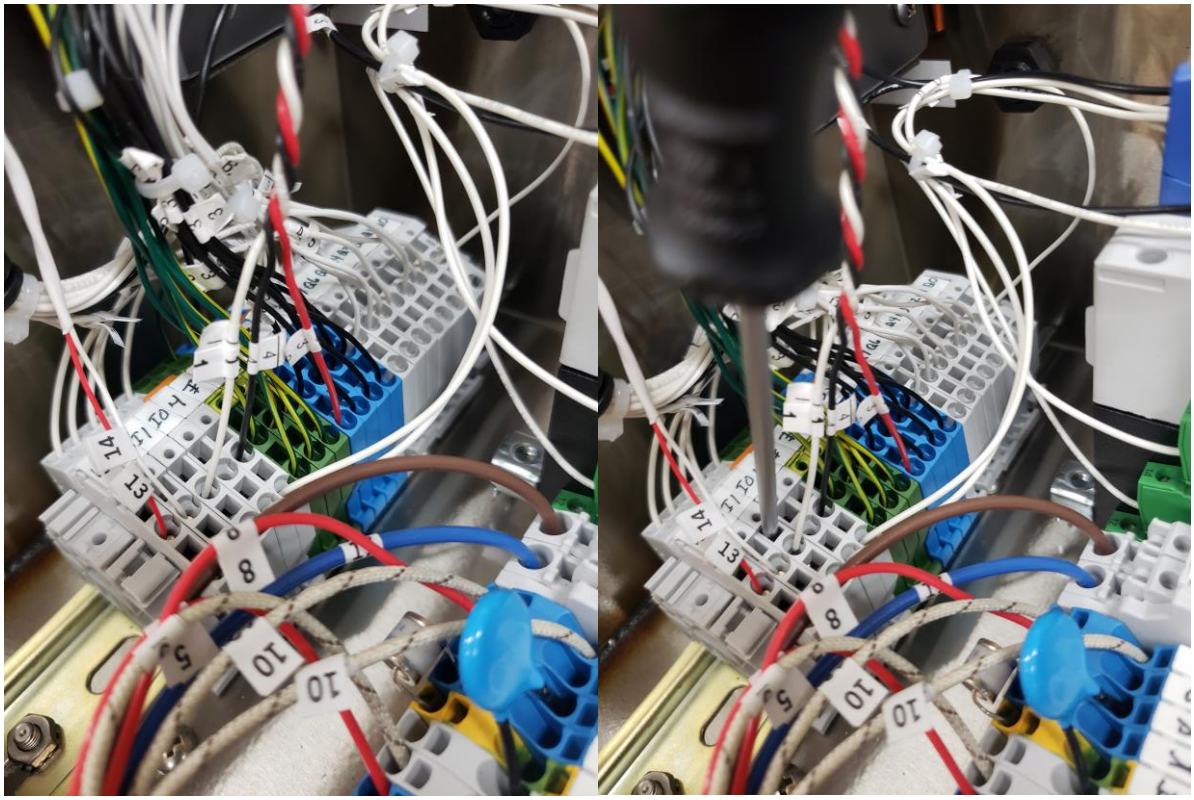
Figure 2

5. Gently pull fiber optic cable from level sensor.

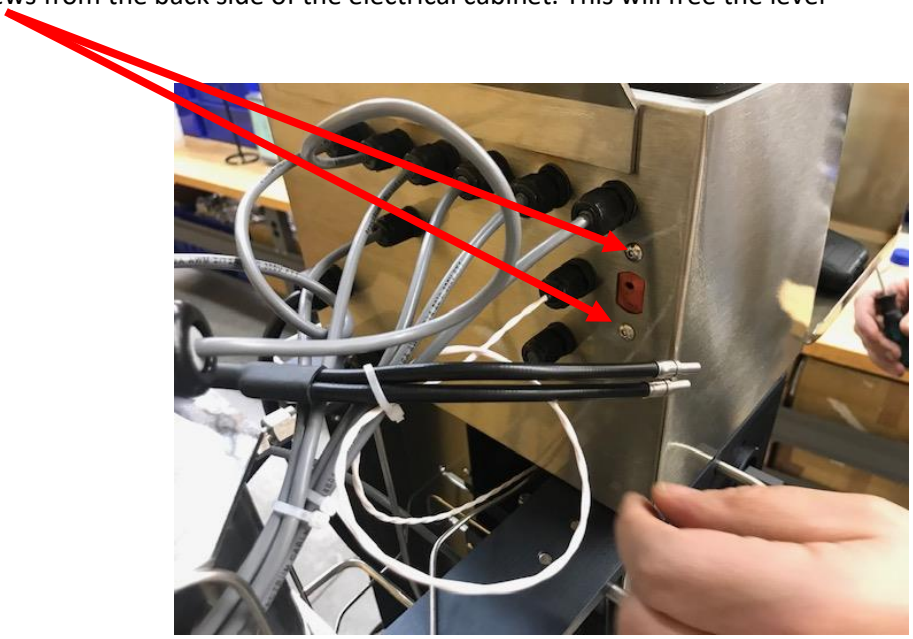
6. **Detach the wires from the terminal block**.
   Locate the cables that extends from the Level Sensor and cut any cable ties that bundle it with other cables.

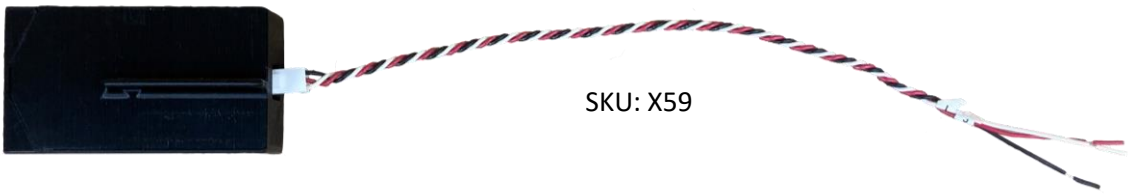
   Note: This cable should contain 3 wires #3 Red, #4 Black, #I1 white which attach to a terminal block.

   Detach these from the terminal block by inserting and pushing the tip of a flat head screwdriver into the square Slot on the terminal block that is next to the wire you desire to remove.
   This will release the wire. Note the location from which they were removed.



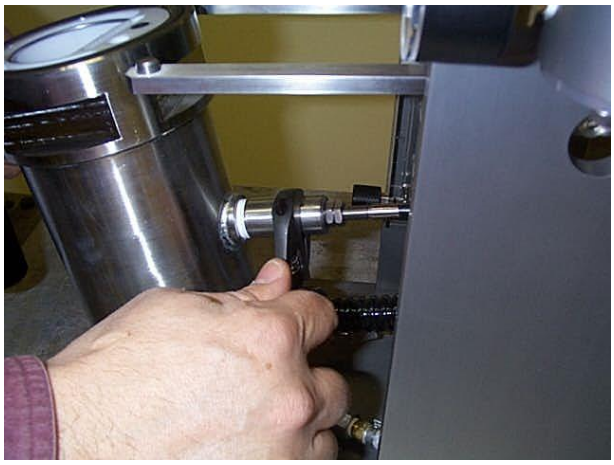
7. Remove the two 3/32 hex head screws from the back side of the electrical cabinet. This will free the level sensor.





8. To install new Level sensor reverse steps 1-7
   Note: be sure to reinstall rubber gasket in between level sensor module and electrical cabinet.

9. To remove Fiberoptic cable cut all cable ties that attach it to other wiring.
10. Remove level sensor fitting from the back of the vessel using a 11/16 or adjustable wrench.



11. To install new fiberoptic and glass tip reverse steps 10-8 along with 5
12. Once you have installed the new X59 Analog level sensor module and Fiberoptic cable with glass tip. You are now ready for testing

VERY IMPORTANT: As soon as there is pressure in the vessel apply a soap solution to all threads on the vessel fitting. Make sure there are no leaks at the fitting or where the cable attaches to the fitting. Contact ANKOM with any questions.