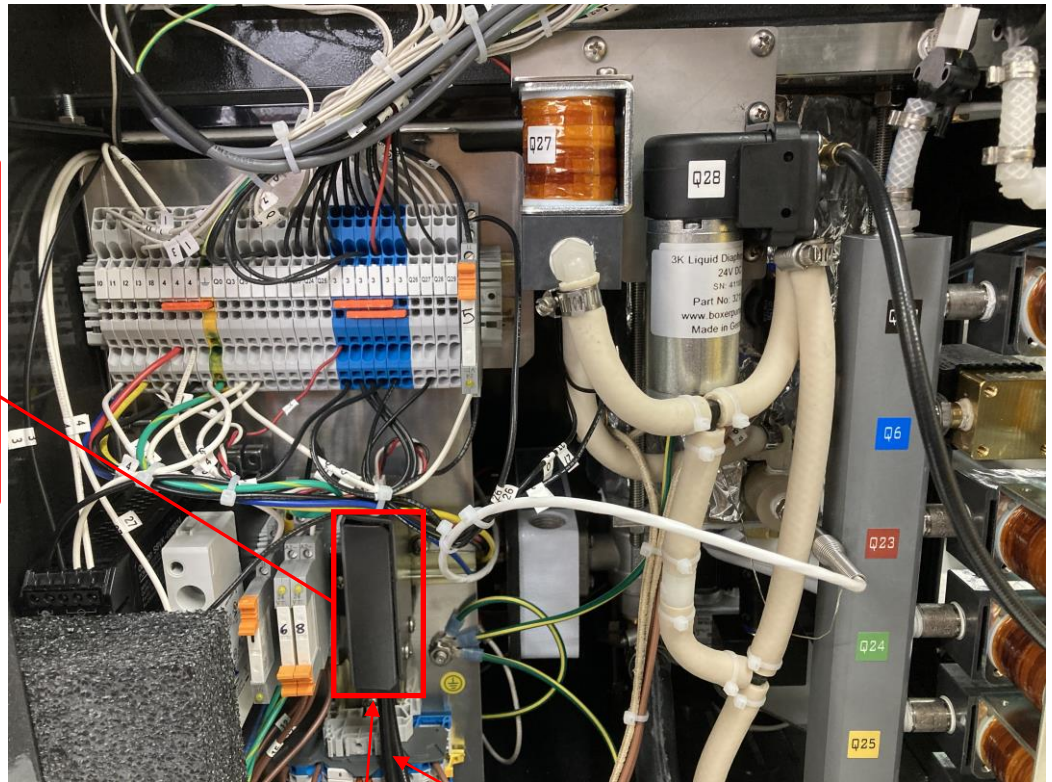




Set Screws



A29

Fiber Optic
Cable ends

Replacing the Analog Level Sensor Module (A29):

1. Turn the DELTA off.
2. Use the head of the Z57 screwdriver (provided with the instrument) to loosen the set screws that hold the two ends of the fiber optic cable in the socket of the Analog Module (A29).

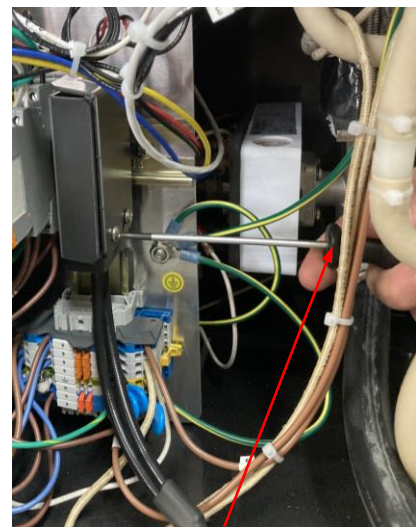


Figure 2

Z57



3. Slide the head of the Z57 screwdriver into the slot in the bottom of the terminal block end clamp and lift up to remove the Analog Module (A29) from the DIN Rail. The Analog Module (A29) is either black or gray and should pop off the DIN Rail easily.
4. Remove the two ends of the fiber optic cable and insert them into the new A29 Analog Module.
5. Secure the two ends of the fiber optic cable by tightening the set screws. Make sure the ends are fully inserted before securing. Be careful not to over tighten the screws.

Terminal
block end
clamp

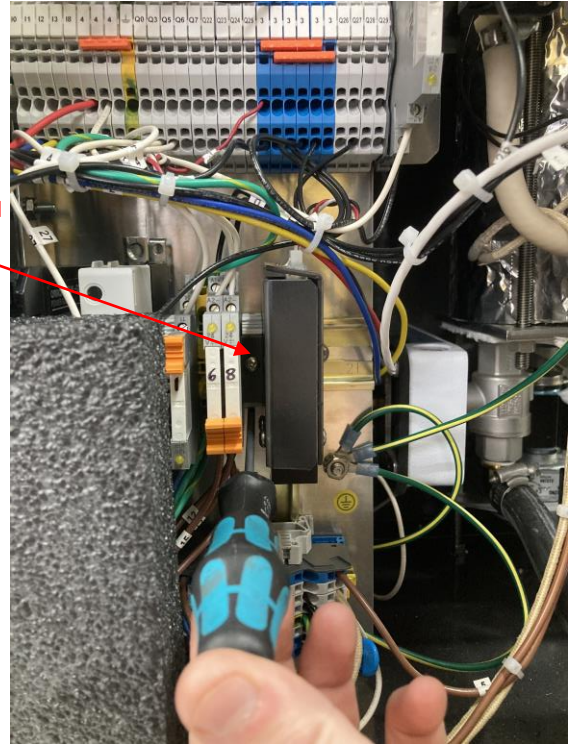
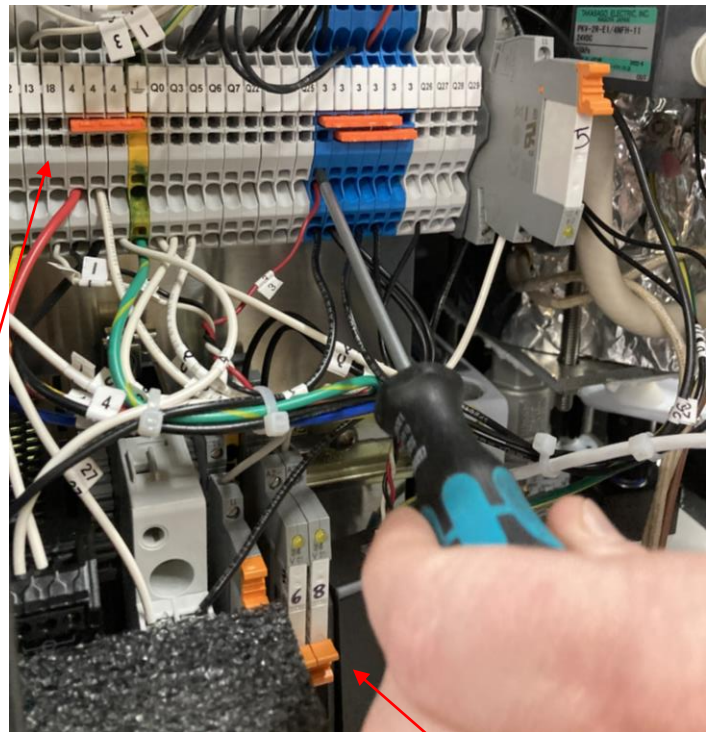


Figure 3

6. There are 3 wires extending from the Analog Module (A29): #3, #4, #I8. Remove the # I8 wire from the old A29 module at the I8 terminal and replace it with the new wire from the new Analog Module (A29). To remove a wire from the terminal block, insert the Z57 screwdriver into the square hole directly next to the wire you want to remove. Don't push too hard. It should snap in to release the wire. While the screwdriver is still in place, insert the new wire with the same number. Remove the screwdriver. Gently tug on the wire to make sure it is securely in place.
7. Repeat the process for the remaining 2 wires (#3, #4).

Terminal



Analog Module
(A62)

8. Attach the new A29 to the DIN Rail.



SKU: A29

```
Select Analog  
^ <ENTER>
```

9. Turn the DELTA on.

10. Press the DOWN arrow button on the front of the instrument until you see the analog screen and press ENTER. With the vessel empty the level sensor voltage should be between 6-10V.

```
LvlSns PSI °C  
9.7v -0.3 27.3
```

11. Fill the vessel with about 2L of water, covering the glass tip. The level sensor voltage should drop between 0-3V.

Glass Tip

