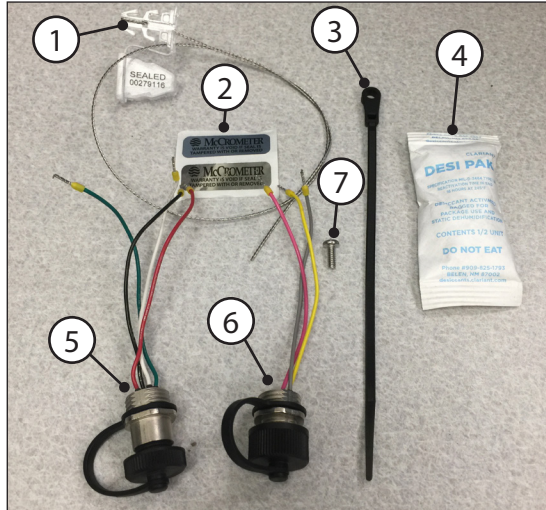


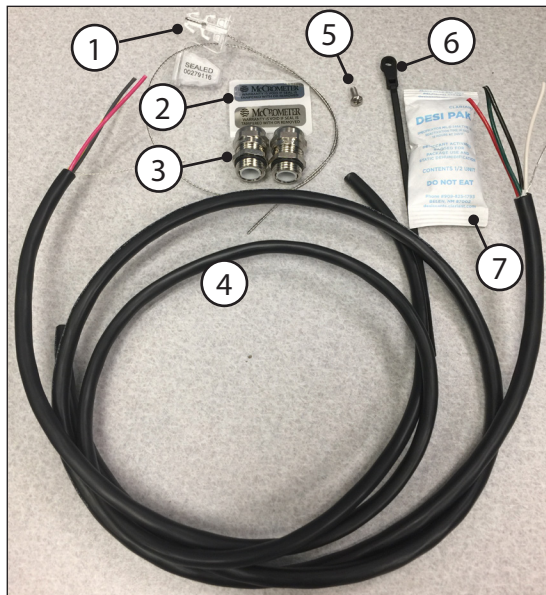
## Supplies Needed for Quick Connect Retrofit:

1. Tamper Proof Seal
2. Tamper Proof Stickers
3. Zip tie
4. Dry pack
5. Quick connect receptacle
6. Quick connect receptacle
7. Replacement screw



## Supplies Needed for Hard Wire Retrofit:

1. Tamper Proof Seal
2. Tamper Proof Stickers
3. Strain Reliefs
4. Lengths of open ended, non-prepared cables
5. Replacement screw
6. Zip tie
7. Dry pack



## Converter with plugs and tamper seal



### I. Cover and Steel Plug Removal

1. Remove the warranty stickers.



2. Cut away the tamper proof seal.

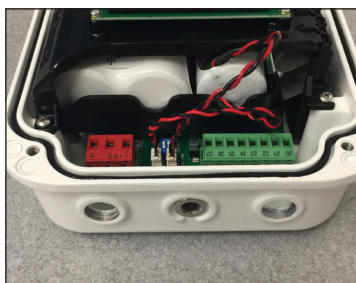


3. Remove screws holding the lid to the housing.

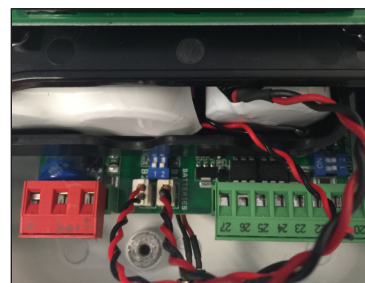


## II. Installing and Wiring the Quick Connect Connectors

4. Remove the stainless steel plugs.



5. Dip Switches in the "Off" position before installing output connectors/wires.



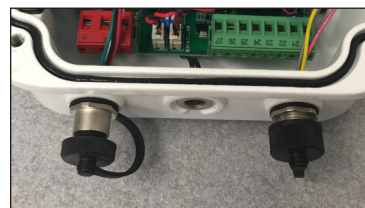
*If you are installing quick connect connectors, proceed to step 6.*



*If you are installing strain reliefs, go to step to step 14.*

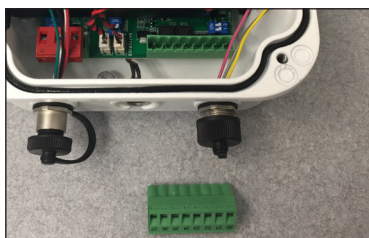


6. Screw the quick connects into place. Install the connectors as shown at right.



*Tighten each connector to 50 inch pounds.*

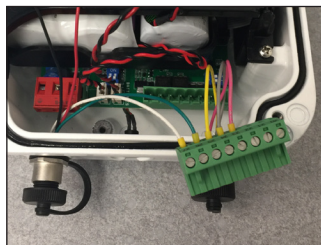
7. Remove the green terminal block by pulling it up.



8. Using a small standard screwdriver, loosen the terminal screws for terminals 23 through 27.

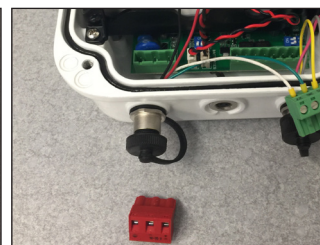
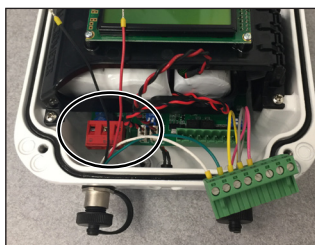


9. Insert each lead completely into its proper terminal and tighten the terminal screw. See the table below for wire and terminal assignments. Do these one at a time.



Pink	Output 2 <i>Positive</i>	23
Gray	Output 1 <i>Positive</i>	24
Yellow	Output 1-2 <i>Negative</i>	25
Green	4-20 <i>Negative</i>	26
White	4-20 <i>Positive</i>	27

10. If DC power / 4-20mA output is to be added, remove the red terminal block by pulling it up.

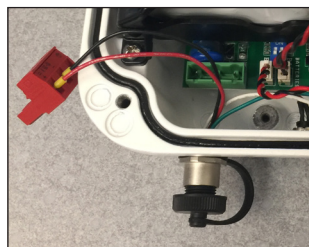




11. Using a small standard screwdriver, loosen the terminal screws for the positive and negative terminals.

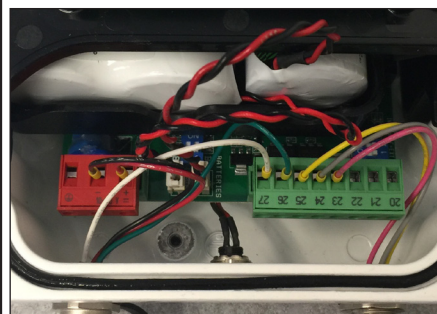


12. Insert each lead completely into its proper terminal and tighten the terminal screw. See the table below for wire and terminal assignments. Do these one at a time.



Red	Positive
Black	Negative

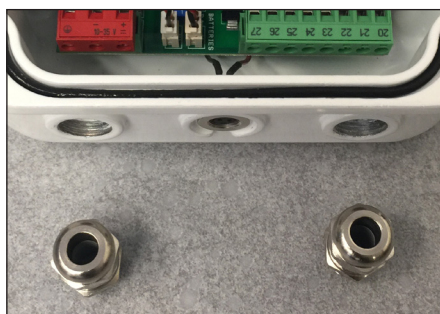
13. Insert both terminal blocks back into the PCB board.



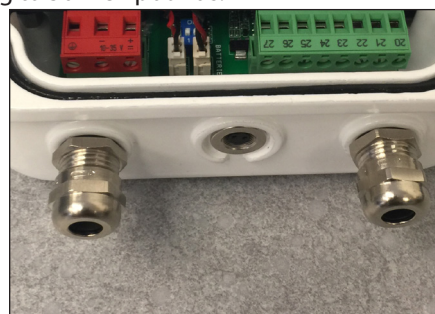
Go to step 22.

## III. Installing and Wiring the Strain Reliefs

14. Locate the strain reliefs for installation.



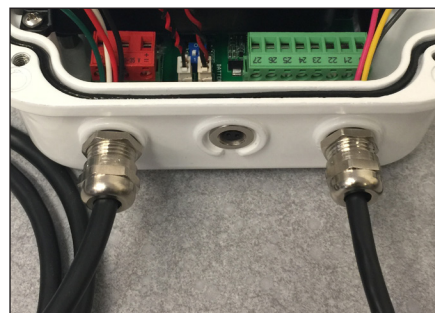
15. Install the strain reliefs. Tighten them to the converter housing to 50 inch pounds.



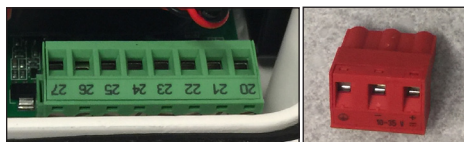
16. Remove the green and red terminal blocks by pulling them up.



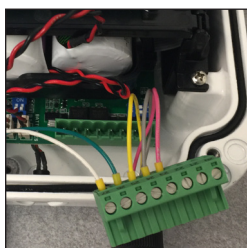
17. Insert the open ended cables as shown.



18. Using a small standard screwdriver, loosen the terminal screws for terminals 23 through 27 on the green terminal block and the positive and negative terminals on the red terminal block.

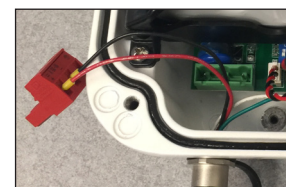


19. Insert each lead completely into its proper terminal and tighten the terminal screw. See the table below for wire and terminal assignments. Do these one at a time.



Green terminal block

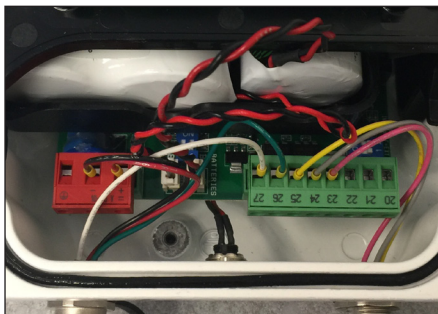
Pink	Output 2 <b>Positive</b>	23
Gray	Output 1 <b>Positive</b>	24
Yellow	Output 1-2 <b>Negative</b>	25
Green	4-20 <b>Negative</b>	26
White	4-20 <b>Positive</b>	27



Red terminal block

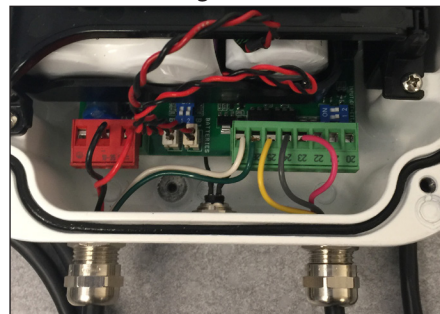
Red	Positive
Black	Negative

20. Insert both terminal blocks back into the PCB board.



21. Tighten the strain relief cable port onto the cable until the gasket of the strain relief is tight onto the cable.

DO NOT OVER TIGHTEN! Over tightening can crush the inside conductors.



#### IV. Cover Replacement

22. Remove the screw holding the dry pack and zip tie on the converter lid.



23. Wrap the new zip tie around the new dry pack. Cut the excess of the zip tie.



24. Install the new zip tie with dry pack onto the converter lid.



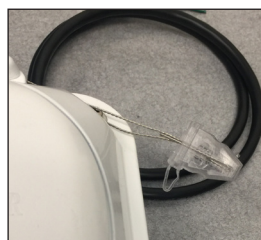
25. Place the converter lid onto the housing. Be sure the smaller head screws with the holes are installed towards the back as shown.



26. Guide the Tamper Proof Seal through the holes in the screws as shown.



27. Run the tamper proof wire around the channel in the plastic connector as shown. Snap the plastic connector lid into place.



28. Apply new warranty stickers.

