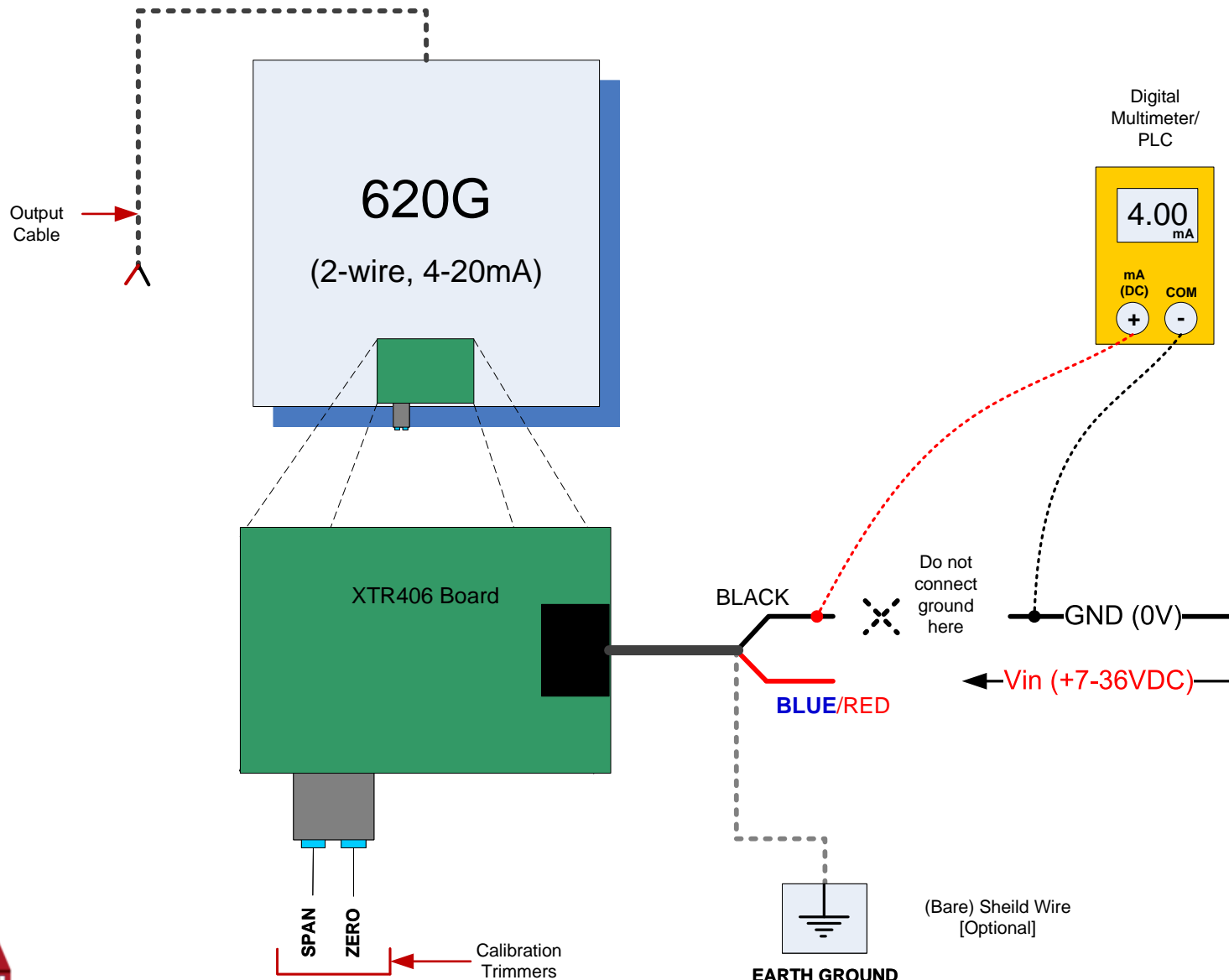


ARLYN SCALES

Model 620G Cylinder Scale

2-Wire 4-20mA Analog Output (Loop Powered) - Wiring Diagram (w/ no display indicator)



Powering the Scale/Amplifier:

- 1) Connect the RED (or BLUE) wire to a +24VDC source.
- 2) Connect the BLACK wire to the mA (DC) terminal (+) of the ammeter or digital multimeter.

- 3) *OPTIONAL:* Connect the GROUNDING WIRE (bare) to a suitable Earth Ground location in your building. This is optional. This will help determine faults in the scale if any and increase stability of your readings.

- 4) Connect your GND rail to the terminal (-) or "COMMON" of the ammeter.

Check the 4-20mA Output:

- 5) Make sure the Multimeter is in the mA - DC reading mode usually denoted by the following symbol: **mA**

- 6) You will now have 4-20 mA reading from the ammeter.

- 7) Press the platform to see the deflection in current.

- 8) Use the SPAN and ZERO trimmers located on the side of the board to calibrate your platform current output.

Refer to enclosed Calibration Sheet/Instruction Manual on how to use the span and zero trimmers to calibrate your scale (if needed)

