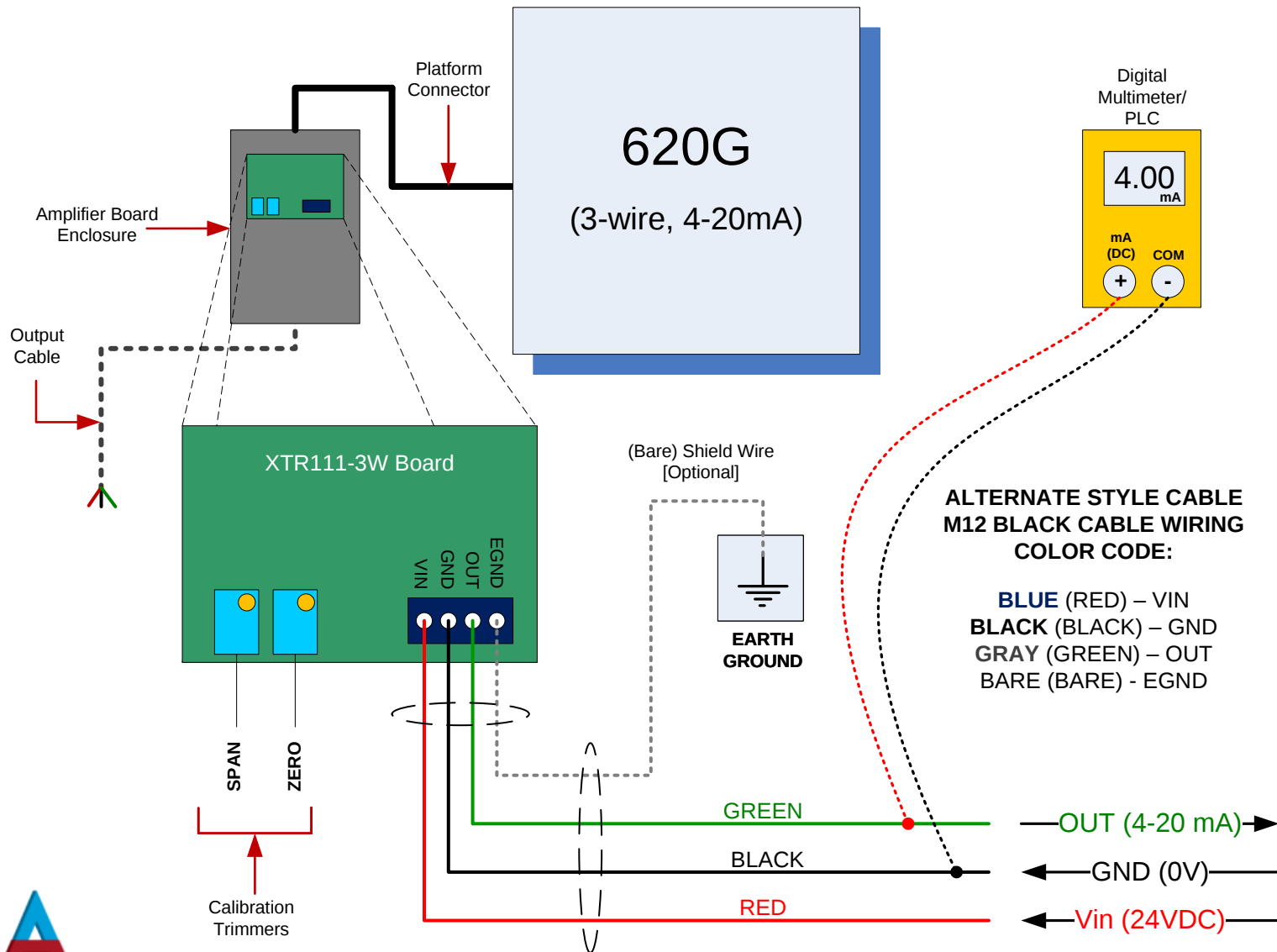


ARLYN SCALES

Model 620G Cylinder Scale

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



Powering the Scale/Amplifier:

- 1) Connect the RED wire to a 24V DC outlet.
- 2) Connect the BLACK wire to a GROUND connection on your PLC/ Power Source
- 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) You will now have 4-20 mA output coming from the GREEN wire.

Check the 4-20mA Output:

- 4) Connect the GREEN wire to the mA-DC (+) probe of the ammeter or digital multimeter.
- 5) Connect BLACK wire from the amplifier to the "COMMON" (-) of the ammeter.
- 6) Make sure the Multimeter is in the mA-DC reading mode denoted by the following symbol: **mA**
- 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)

