










How To Save Settings: PTD110V6 Setup for Encoder

Note: Press menu button at any time to exit and return to run mode. Changes made to settings prior to pressing the ACK (acknowledge) button are not saved. The display moves to the next menu every time ACK is pressed and that screen is then saved. If you have any questions, please contact our Tech Team at (309) 698-5611.







Decimal Point:

If you need to move the Decimal point (we recommend changing to the 100s place)

1. Press menu , select SEtu (setup), press ACK .
2. Press Up  until you see dEc.P (decimal point), press ACK .
3. Press Up  to change the decimal point.
When set to the 100s place, it appears as: ddd.d
4. Press ACK  to save your selection.
5. Press menu  to go back to normal operation.

Scaling:

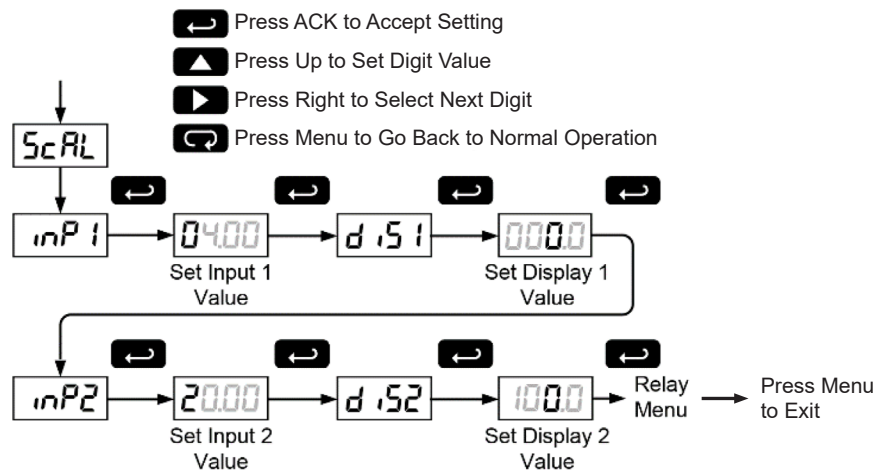
For most applications we recommend setting the Display Value 1 at 0 and setting display value 2 at 100. This will scale the output to 0-100%. However, This can be configured as required for the application.

1. Press menu , select SEtu (setup), press ACK .
2. Press Up  until you see Prog (program), press ACK .
3. Select ScAL (scale), press ACK , and follow to instructions below, press ACK .

Scaling The Meter (ScAL):

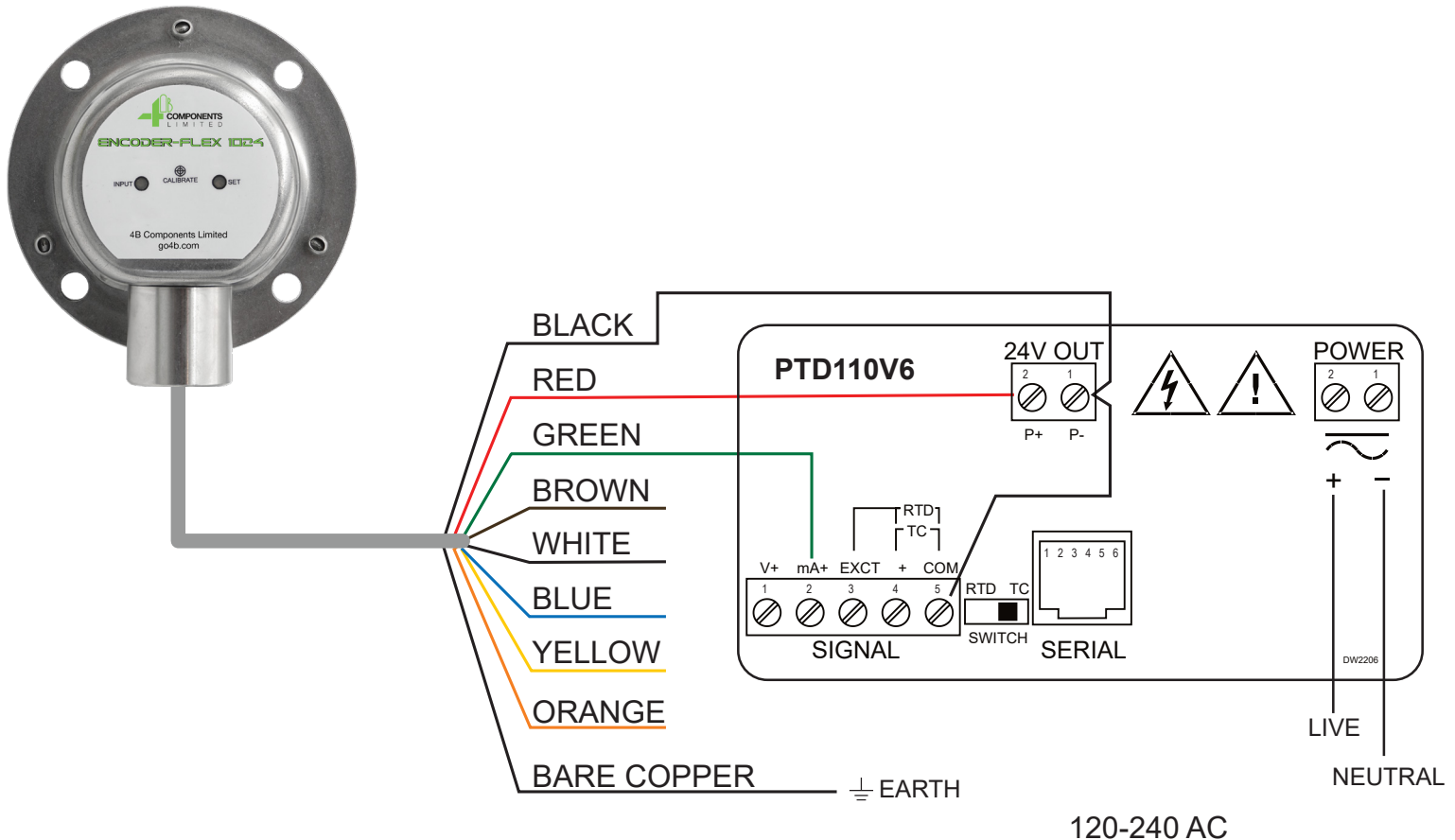
The process inputs (4-20 mA and +10 VDC) can be scaled to display the process in engineering units.

A signal source is not needed to scale the meter; simply program the inputs and corresponding display values.





Wiring Diagram:



Encoder Calibration for Gate Positioning:

1. Get gate in the starting (closed) position.
2. Place the **North Pole** of the magnet on the encoder calibration point. The set light will flash slow, hold until the light flashes rapidly. Remove magnet. Set light will blink twice repeating.
3. Move gate to the end position (fully open)
4. Place the **North Pole** of the magnet on the encoder calibration point. The set light will flash slow, Hold until the light flashes rapidly. Remove Magnet. Set light will be solid.
5. A open gate should now read 100.0 (20ma) and a closed gate will read 000.0 (4ma) on the display screen.