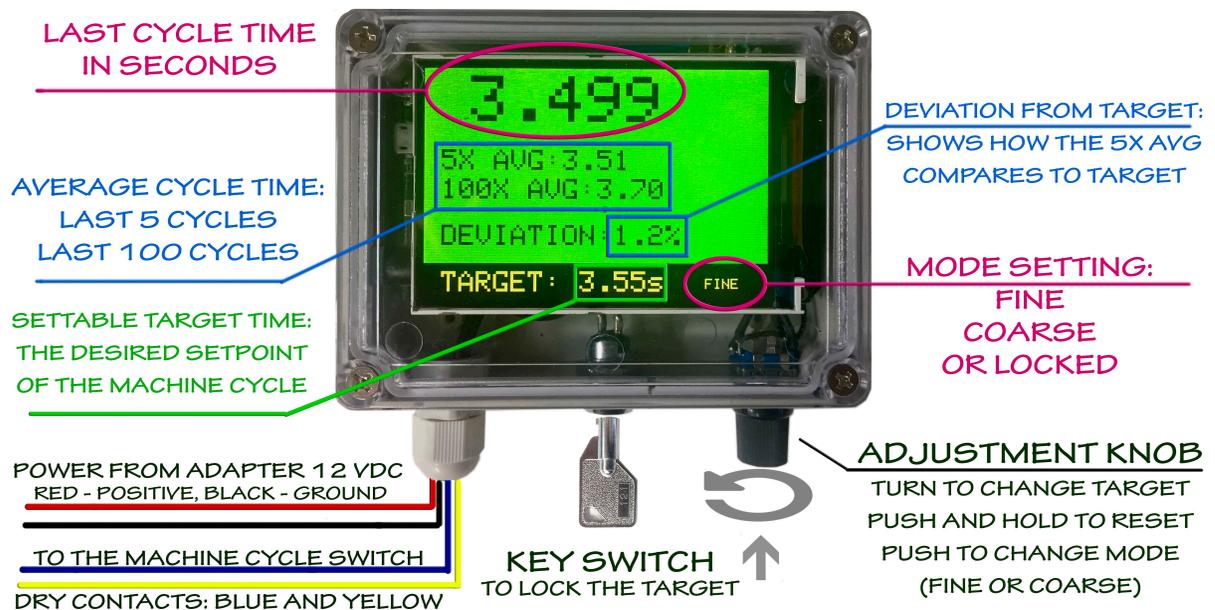


MACHINE CYCLE TIMER -QUICK SETUP



1. Make electrical connections as shown in the illustration above. Once the machine has power, the "Awaiting Signal" will show on the screen. Touch the yellow and blue wires. The device will give you the time since you powered up, or the last contact.
2. Observe the bottom right corner of the screen. If "Locked" please unlock it with the key.
3. Adjust the desired set point for your machine cycle. Turn the Knob and observe the "Target" values. Pressing the Knob upwards will toggle between "FINE" and "COARSE" modes. In "FINE" mode your Target values will move slowly as you turn the Knob. In "COARSE" mode the values will move fast.
As the Knob is unlocked, you can also press and hold it in for 5 Seconds. This will reset the device, clearing the averages but retaining the last Target set.
4. Once the Target is set, lock the Knob using the key. Once locked, the Target values are no longer adjustable and the device cannot be reset. The Machine Cycle Timer will function even if the knob is left unlocked, however it is prone to unwanted operator interference.

Screen color significance:

Green: Your machine "5X AVG" is smaller than the set Target. The machine is running faster than expected. The "5X AVG" is better than 101% of the Target time.

Yellow: Your machine is still running faster than set Target but is coming within 1% of the Target.

Red: Your machine "5X AVG" running slower than set Target. "Deviation" becomes a negative number.

Practical example for machine running with a Target set at 100 seconds:

When the "5X AVG" is 100.3 seconds the screen is red, the machine is too slow.

When the "5X AVG" is 99.4 seconds the screen is turning yellow, the machine is within 1% of being too slow.

When the "5X AVG" is 98.3 seconds the screen becomes green, the machine is faster than target.

Specifications:

Input Voltage: 12VDC from included AC Adapter.

Length, width, height: 2"x3.9"x4.9" (52mmx100mmx125mm)

Screen Size: 3.5 inch diagonal. (90MM)

Weight: 9 Oz or 260 Grams.

Minimum Cycle Time: 1 Second.

Maximum Cycle Time: 10,000 Seconds (2.78 Hrs).

(Wider Cycle Limits are available on request)

If you need help, call me at (714) 234 8170 or write me at HARALAMBIE@YAHOO.COM.