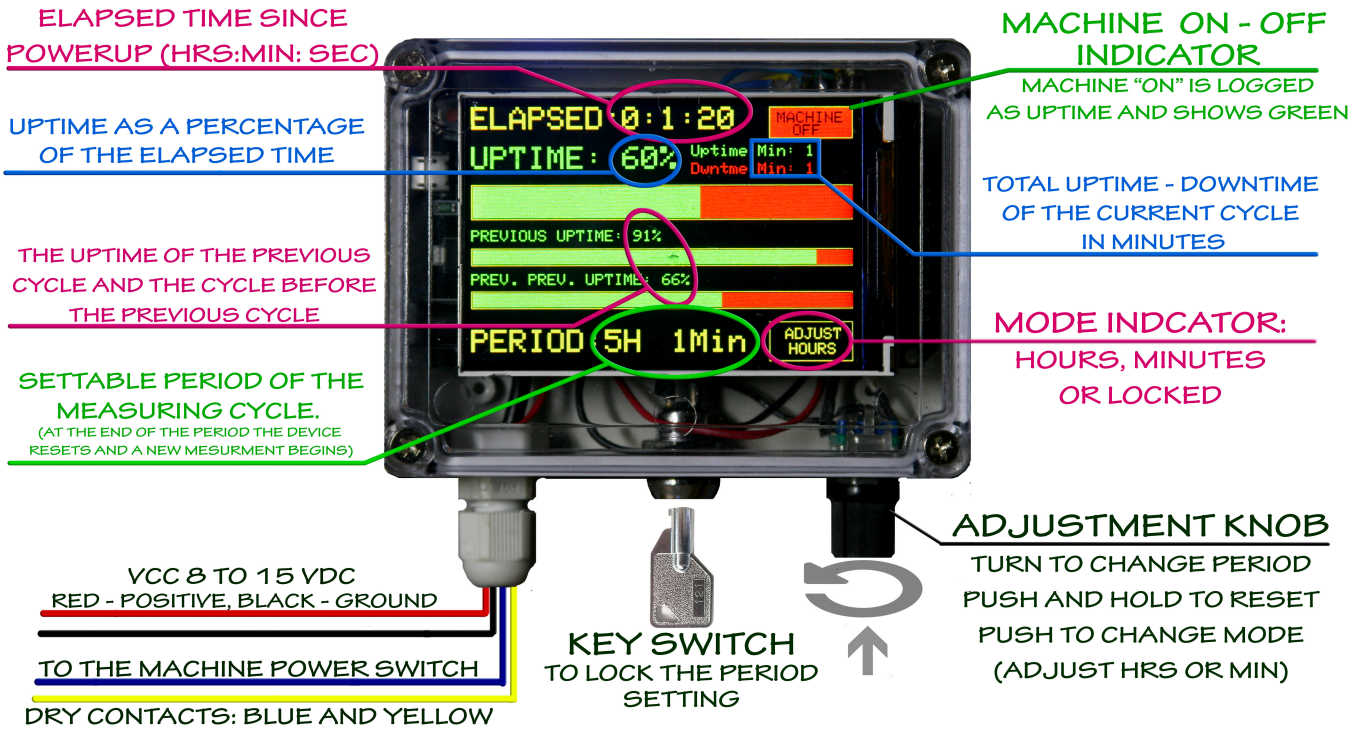
Machine-Cycle.us

THE DOWNTIME TRACKER –QUICK SETUP



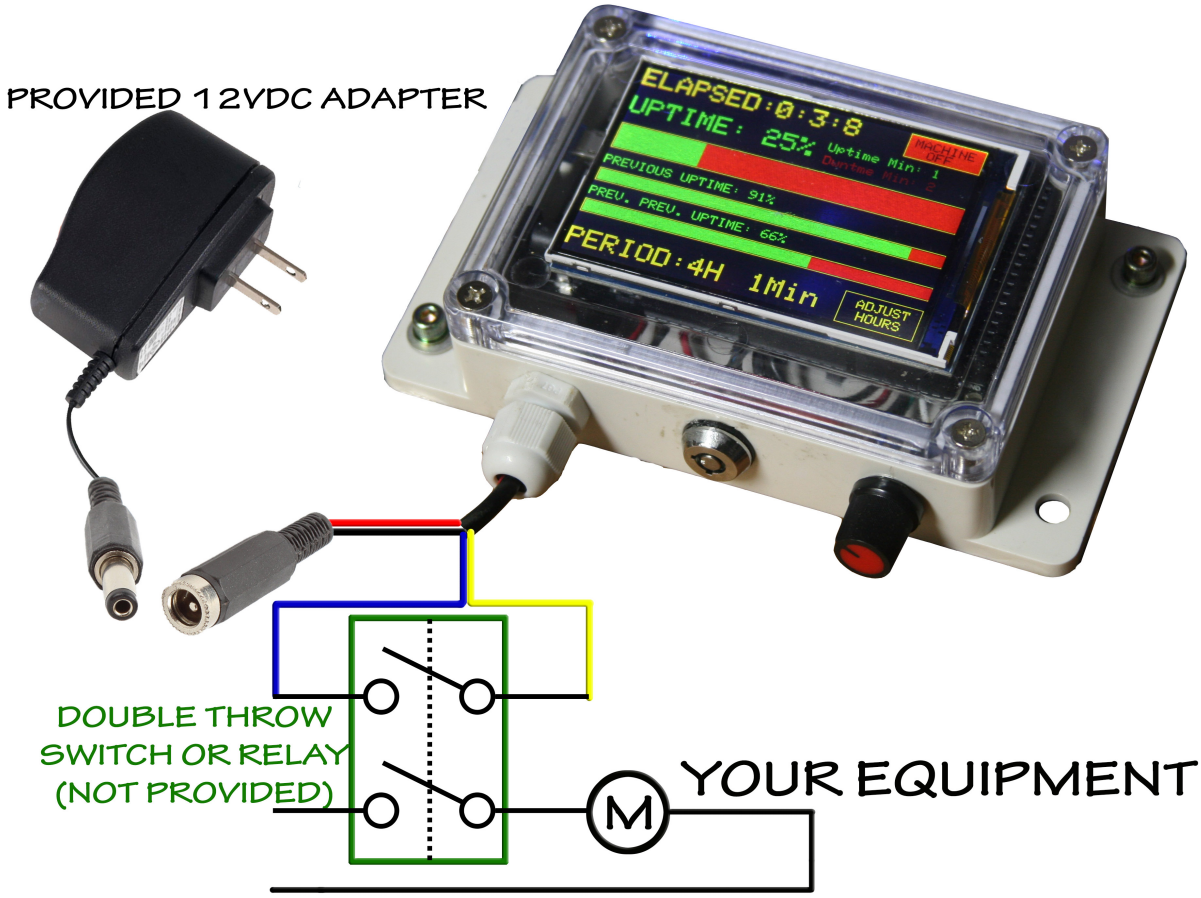
The Uptime Calculator™ is a device that will count the cumulated uptime and downtime of an electrical device over a period of time. As soon as the device is powered up, the elapsed time is counted on the top field. When your equipment is on, the time is being logged and shown as the "Uptime": the "Power On" time show as a percentage of the elapsed time. As your equipment turns on and off, the uptime is cumulated and the percentage is updated every second. When the elapsed time reaches the "PERIOD" the device reboots. The last Uptime Percentage becomes the "Previous Uptime" and stays as a constant record show as a number and as a progress bar. On the next reboot, the Previous Uptime becomes "PREV. PREV. UPTIME" and the cycle continues.

Specifications:

Input Voltage: 8-15VDC 100mA.
Length, width, height: 2"x3.9"x4.9"(52mmx100mmx125mm)
Screen Size: 3.5 inch diagonal. (90MM)
Weight: 9 Oz. or 260 Grams.

Minimum Period Duration: 1 Min.
Maximum Period Duration: 23 Hours and 59Min. (The device can be customized for a wider range).
Update time: Once a second.
Expected Life: 100,000 Cycles (Reboots).
Warranty: 1 Year.

Installation



WIRE THE BLUE AND YELLOW TERMINALS
SO THEY TOUCH ONLY WHEN YOUR EQUIPMENT IS ON.

1. Make electrical connections as shown in the illustration above.
2. Observe the bottom right corner of the screen. If "Locked" please unlock it with the key.
3. Adjust the desired measurement period. Press knob briefly to flip between hours and minutes.
4. Press knob for 5 seconds to obtain a reset. This will delete the current cumulated uptime and move it to the "Previous Uptime" field.
5. Lock the Knob functions with the provided key. This will prevent operator interference (No Reboot) and electromagnetic interference from high power equipment.

In the event of a power outage, the "Previous Uptime" and "Prev. Prev. Uptime" will be restored to the last recorded values. The current Uptime cumulated time will start a new cycle.

We can customize The Uptime Calculator™ for reasonable fees. Here are some examples from our past work:

- Relay modules with dry contacts outputs are available to trigger a circuit when a parameter has been reached. For instance if the downtime goes above 20% ring an alarm or flash a light. Or the relays could turn off a device with limited duty time in order to avoid its burnout.
- A buzzer mounted on the top of the box, ringing when a parameter is reached.
- The update time can be recalled faster (up to 10 times per sec) for fast processes.
- The device can record up to 10 previous cycles.

Please inquire at (714) 234 8170 for customization.