

## User Instruction Guide

The ProLine Dynamic Timer is ideal for monitoring conveyor / production back ups.

Installation and setup are easy, just follow these steps

1. Mount the DT-Timer enclosure securely near the area you want to monitor
2. Mount the Sensor and use the magnetic bracket to fasten to your production line.
3. Plug the power cord into the unit and plug the transformer end into an AC electrical socket
4. Turn the unit on
5. Press the “time display box” and set the value to time up to. Press HOME to return
6. Press the gear in the upper right corner, select Hours/Minutes or Minutes/Seconds.

## I/O Connection

The I/O cable consists of 4 wires. Brown (+) and Black are your contact output from the Timer. This N.O. contact can be used to signal lamps, alarms, or signal another device. Blue and White are for remote reset and can be connected to a dry contact switch.

## Additional features

Input Filter Range – The input filter range setting is accessed by touching the “gear symbol” in the upper right corner of the screen. This feature allows you to add “signal de-bounce”. In some cases, the sensor may pick up additional triggers due to shape irregularities with the target product it is sensing. To adjust, follow these steps

1. Touch the “gear symbol” in the upper right corner of the screen
2. Touch the up / down arrows to increase or decrease “signal de-bounce” time. The amount of time will be trial and error based on your application. Increase the time appropriately but make sure it is not too high that it interferes with counting the next target product.

**Note:** There are several other input options available depending on your application. Additionally, there are cable extensions available should the one that comes with the unit is not long enough. View these options on our website at <https://www.factracpro.com/prolinecounters>