

PPC5001 – PPC5002 CHEMICAL FEED PUMP CONTROLLER PROGRAMMING

Connect power to the Timer Controller.

The LCD Display has three display modes – Power Up, Counter & Timer, and Totalizer.

To Change Display Modes

Press and hold PGRM key.
Display will toggle every 3 seconds to next mode
Release PGRM key at desired mode

1. Power Up Mode - Displays support parameters(serial#, model#, phone#, mfg.date) and also some operating parameters that are user programmable (Timing-Min/Sec, Sequential-On/Off, Totalizer setup – (Program display to match your meter output settings).

Press PGRM key momentarily and repeatedly to scroll through and view these parameters quickly. Otherwise, Program display will scroll automatically.
Program **blinking** parameters to desired values with the INCR or DECR keys.

To exit **Power Up Mode** press and hold PGRM key for approximately 3 seconds.
Display will advance to **Counter & Timer mode**.

2. Counter & Timer Mode - Displays Counters and Timers and their status (on/off, time remaining)

To Program Counters and Timers

Press PGRM key momentarily. A blinking arrow will appear pointing at C1(Counter 1)
Press INCR or DECR keys momentarily and repeatedly to adjust value. Press PGRM key to advance to T1(Timer 1).
Repeat above steps for counters C2 and Timer T2 if applicable.
For FAST set, press and hold INCR or DECR keys. After five counts, digits will change rapidly.

Example: 100 Gallons of make-up water before starting feed and bleed cycle for 10 seconds, with meter pulse rate output of 10 GPC (Gallons Per Contact).
Divide meter pulse rate (10) into 100 gallons = 10 for counter setting.
Pump output of 10 seconds = 10 for timer setting.

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To exit **Counter & Timer Mode** press and hold **PGRM** key for approximately 3 seconds.
Display will advance to **Totalizer mode**.

3. **Totalizer Mode** - Displays total counts received (switch closures) from the water meter. This provides total or individual historical values based on the user's preference. No action required to record total input counts received.

To Adjust Totalizer:

Press **PGRM** key momentarily and repeatedly until desired digit blinks.
Press **INCR** or **DECR** keys to adjust value.

To Clear Totalizer :

Press and hold **INCR** and **DECR** keys simultaneously

To exit **Totalizer Mode** press and hold **PGRM** key for approximately 3 seconds.
Display will advance to **Power Up Mode**.

Operate Feed Pump Controller

Unit is now ready to operate.

Replace dust cover.

When programmed number of input signals arrives from the water meter to the counter(s), the timer(s) will be activated.