

## MVP-SSF PTRO/DM

DCN: EIN-CP-SET-2268

Rev: 9.0

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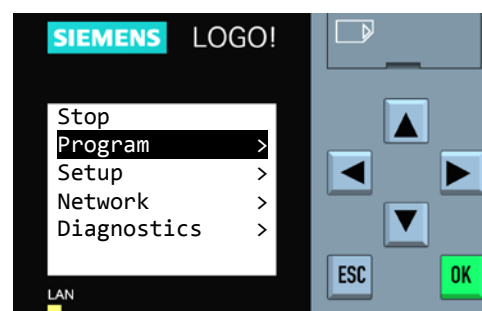
Orenco's Most Versatile Panel (MVP) line of control panels includes an easy-to-use programmable logic unit that incorporates many timing and logic functions. This panel will accommodate timed dose or on-demand systems. The panel's default mode of operation is timed dose. Some operational parameters may need changing for your particular application. The parameters for both modes of operation (Timed/Demand) will always be present, but only those that apply to the selected mode will be used. The following block types have been used with your control panel:

Block Names	Description	Factory Default	Time Range	Block Type	Sand Filter Mode
T HL Alm Dly	Septic Tank High Level Alarm Delay	5 seconds	MM:SS	Timer	
T Off Time	Septic Tank Timer Off Time	60 minutes	MM:SS	Timer	
T On Time	Septic Tank Timer On Time	40 seconds	MM:SS	Timer	
T Ovr Off Tm	Septic Tank Override Timer Off Time	30 minutes	MM:SS	Timer	
T Ovr On Tm	Septic Tank Override Timer On Time	40 seconds	MM:SS	Timer	
T Min Ovr Tm	Septic Tank Minimum Override Time	90 minutes	MM:SS	Timer	
F HL Alm Dly	Sand Filter High Level Alarm Delay	5 seconds	MM:SS	Timer	Both
F Off Time	Sand Filter Timer Off Time	60 minutes	MM:SS	Timer	Timed
F On Time	Sand Filter Timer On Time	40 seconds	MM:SS	Timer	Timed
F Ovr Off Tm	Sand Filter Override Timer Off Time	30 minutes	MM:SS	Timer	Timed
F Ovr On Tm	Sand Filter Override Timer On Time	40 seconds	MM:SS	Timer	Timed
F Min Ovr Tm	Sand Filter Minimum Override Time	90 minutes	MM:SS	Timer	Timed
F Min Run Tm	Sand Filter Minimum Pump Run Time	30 seconds	MM:SS	Timer	Demand
FTimeDoseMod	Sand Filter Timed Dose Operation	OFF	On/Off	Softkey	Both

### Changing Adjustable Parameter Blocks:

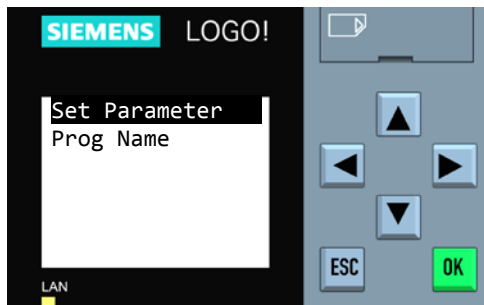


**Step 1:** Press **▼** repeatedly until the display does not change. To begin the configuration process, press the "ESC" key.



**Step 2:** Press **▼** on the unit to select "Program". Then press the "OK" key.

**Warning:** Do not select "Stop". Doing so may erase the panel programming. If this is selected by accident, press the "ESC" key to cancel.



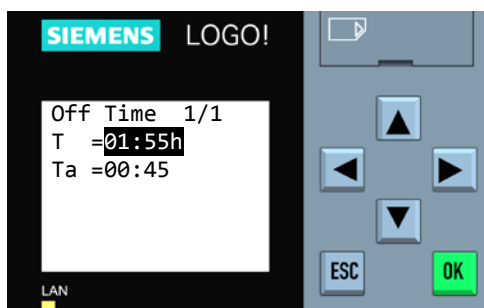
Step 3: Press "OK" to select "Set Parameter".



Step 4: Press ▲ or ▼ to select the desired parameter to adjust and press "OK". Continue to Step 5 on the following pages for the specific block type being edited.

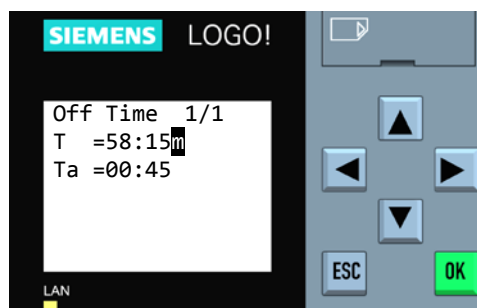
### Changing Adjustable Parameter Timer Blocks:

Timer blocks have three time base units that can be used; s = seconds, m = minutes, h = hours. If an **h** appears after the timer setting then the time will be HH:MM (e.g. 01:55h = 1 hour and 55 minutes). If an **m** appears after the timer setting then the time will be MM:SS (e.g. 05:00m = 5 minutes and 0 seconds). If an **s** appears after the timer setting then the time will be SS.ss (e.g. 25:13s = 25.13 seconds).



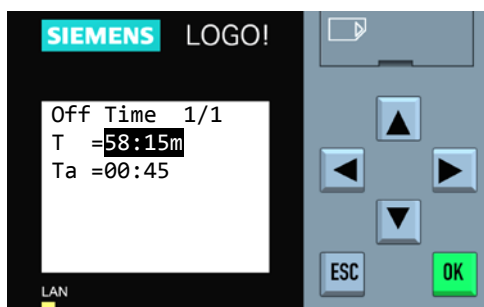
Step 5: The first line indicates the set value for the parameter. In this example, the set time is 1 hour and 55 minutes, "T=01:55h." To change the set value for the parameter, press the "OK" key.

The second line indicates, in real time, how much time has elapsed for the cycle that is currently in process. The current value of the parameter is 45 minutes, "Ta=00:45."



Step 6: The cursor will blink in the set value. To select the digit to be changed, press ◀ or ▶. To change the value of a digit, press ▲ or ▼.

In this example, the set value has been changed from 1 hour and 55 minutes to 58 minutes and 15 seconds. (The timebase can be changed from hours = h to minutes = m or seconds = s by moving the cursor to the far right and pressing ▲ or ▼).



Step 7: When the desired time value has been entered, press the "OK" key. The new time value will now be in effect.



Step 8: To edit additional parameters, go back to the parameter list by pressing the "ESC" key once and return to Step 4. When all edits are complete, exit parameter mode by pressing the "ESC" key four times.

## Changing Adjustable Parameter Softkey Blocks:

Softkey blocks are typically used to toggle a feature in the panel On or Off.



**Step 5:** The bottom line indicates the current state of the softkey switch. In this example, the softkey is set to "On". To change the set value for the parameter, press the "OK" key.



**Step 6:** The cursor will blink on the switch parameter. To change the value of the softkey switch, press ▲ or ▼. In this example, the set value has been changed from "On" to "Off".



**Step 7:** When the desired value has been entered, press the "OK" key. The new value will now be in effect.



**Step 8:** To edit additional parameters, go back to the parameter list by pressing the "ESC" key once and return to Step 4. When all edits are complete, exit parameter mode by pressing the "ESC" key four times.