

MODEL PS300

The PermaSwitch™

Ten Position Electronic Selector Switch



Operating Instructions

November 1, 2018

IDLE OPERATION

When the PS300 is not in a timing mode, the LED indicator will normally flash about twice per second on position 0, which is normally the STOP or OFF position. After a period of inactivity, the decal button LED indicators will illuminate one of a few preset sequences to help attract the attention of potential customers, followed by a return to flashing at position 0. If a button is pressed (selection made), then that button's corresponding LED will flash for a period of time, and then return to flashing at position 0 if no coins are deposited. The optional beeper will sound momentarily when a button is pushed or when a coin is deposited.

TIMER TRACKING OPERATION

The PS300 will track an external timer through the Timer Sense connector. When the timer is on, the LED indicator for the currently selected service button will be on solid. The high-pressure output will also be activated concurrently for those services which have been configured for high-pressure operation. When the timing function has elapsed, the PS300 will turn off all outputs and resume Idle Operation.

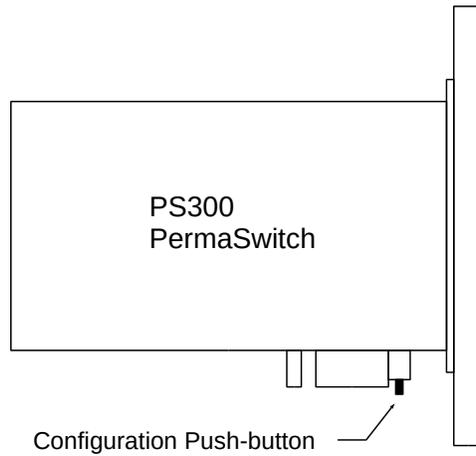
CONFIGURATION OPERATION

Note: Before putting the PS300 into configuration mode, it would be a good idea to write down how you want the PS300 configured: High Pressure functions, Washdown Code configuration, and the External Timer configuration.

Note that while in Configuration Mode, the PS300 will flash the LED at the OFF position (Button 0) a number of times every 4 seconds. The number of flashes corresponds to the current option being configured. See the table below.

#Flashes	Configured Option	Description
1	High-pressure Services	ON → high-pressure output configured to activate when corresponding service is active
2	Washdown Code	See "Washdown Codes" table in a separate document
3	Washdown Services	ON → Service is allowed to be selected when washdown code is entered

Once Configuration Mode has been entered, the configuration for the current page must be completed within 60 seconds by pressing the Configuration Button (to advance to the next page or exit configuration). If the 60-second configuration timeout occurs, the PS300 will automatically save any configuration changes return to Idle Operation.



Basic PS300 Configuration – High-pressure and Washdown Code

1. Press the Configuration Push Button once. This places the PS300 into Configuration Mode.
2. Set the secondary High-Pressure Output (Motor Starter) functions. Press the Function Push Buttons on the decal face of the PS300 to toggle the state of the LEDs. Press the buttons so that LEDs corresponding to those services for which high-pressure function is desired are **ON**. If any other LEDs are on, press the Function Push Buttons to turn them off.
3. Press the Configuration Push Button once more to go to the Washdown Code Configuration. (See the Washdown Code Configuration document)
4. Select the desired Washdown Code from the Washdown Code table.
5. Press the Function Push Buttons on the decal face of the PS300 to light the LED indicators according to the Washdown Code table.
6. Press the Configuration Push Button once more to take the PS300 out of Configuration Mode. An audible long beep will be heard from the internal beeper of the PS300 as it returns to Idle Operation. The decal face LED indicator returns to Push Button 0 and blinks.

OPTIONAL - Select Allowed Washdown Services

1. While PS300 is in Idle Operating Mode, enter the current Washdown Code
2. Press configuration button on bottom of switch box to enter wash down configuration. LED indicator at Button 0 will blink 3 times every 4 seconds
3. Select the services that should be allowed during washdown. By default, all services are allowed. Press a button to toggle the respective LED on (to allow a service during washdown) or off (to disallow a service during washdown).
4. Press the Configuration Push Button once more to take the PS300 out of Configuration Mode. An audible long beep will be heard from the internal beeper of the PS300 as it returns to Idle Operation. The decal face LED indicator returns to Push Button 0 and blinks.

PS300 Meter Box Wiring

Pin #	Function	Wire Color
P2-1	24 VAC Hot	Yellow
P2-2	24 VAC Common	Black
P2-3	Coin	Red/ Green
P2-4	Timer Out	White
P2-5	Srv #1: Engine/ Tire Cleaner	Green
P2-6	Srv #2: Presoak	Blue
P2-7	Srv #3: Soap (Wash)	Brown
P2-8	Srv #4: Foam Brush	Orange
P2-9	Srv #5: Rinse	Red
P2-10	Srv #6: Wax	Violet
P2-11	Srv #7: Spot Free	Tan
P2-12	Srv #8: (Extra)	Pink
P2-13	Srv #9: (Extra)	White/ Green
P2-14	High Pressure Motor Starter	Gray

NOTE:

*****For timers switching Common I.E. GinSan, B&C wire the Yellow Wire to power common and the Black wire to 24VAC Power hot.**