

PWM Module Calibration Instructions



Extreme Caution!

Beware of abrupt and unexpected movements of hydraulic functions while configuring a PC-PW module. Ensure a safe workplace!

Description:

All PC-PW PWM modules with version 3.0 or higher software are field-serviceable. Whenever a module, or the actuator (flex button, rocker or trigger) is changed, or the module has been re-mounted in the handle, it must be re-calibrated for optimal performance.

Directions:

The module must be installed in the control handle, and all wires connected. The actuator must be properly installed in the handle.

- 1) With the power OFF, remove the calibration jumper if inserted and apply power to the module for at least 10 seconds. This will enable the module to enter calibration mode the next time it is powered up with the programming jumper inserted.
- 2) With the power OFF, insert the calibration jumper into the 2 small contacts of the PRG-01 socket closest to the ground terminal of the PC-PW module.
- 3) With the actuator in its at-rest position, apply power to the module for at least 10 seconds. This records the rest position of the actuator in the module's memory.
- 4) Turn the power off and wait at least 10 seconds.
- 5) With the power off, press and securely hold the actuator in its end of stroke position. While continuing to hold the actuator, turn the power on for at least 10 seconds. This records the full-stroke position of the actuator in the module's memory.
- 6) Release the actuator and turn the power off.
- 7) Remove the calibration jumper and store for future use. The module is now ready for programming the minimum and maximum flows and ramp rate with the PGR-01 programmer.

The module may be re-calibrated repeatedly or the calibration process can be re-started at any time by re-starting from Step 1.

