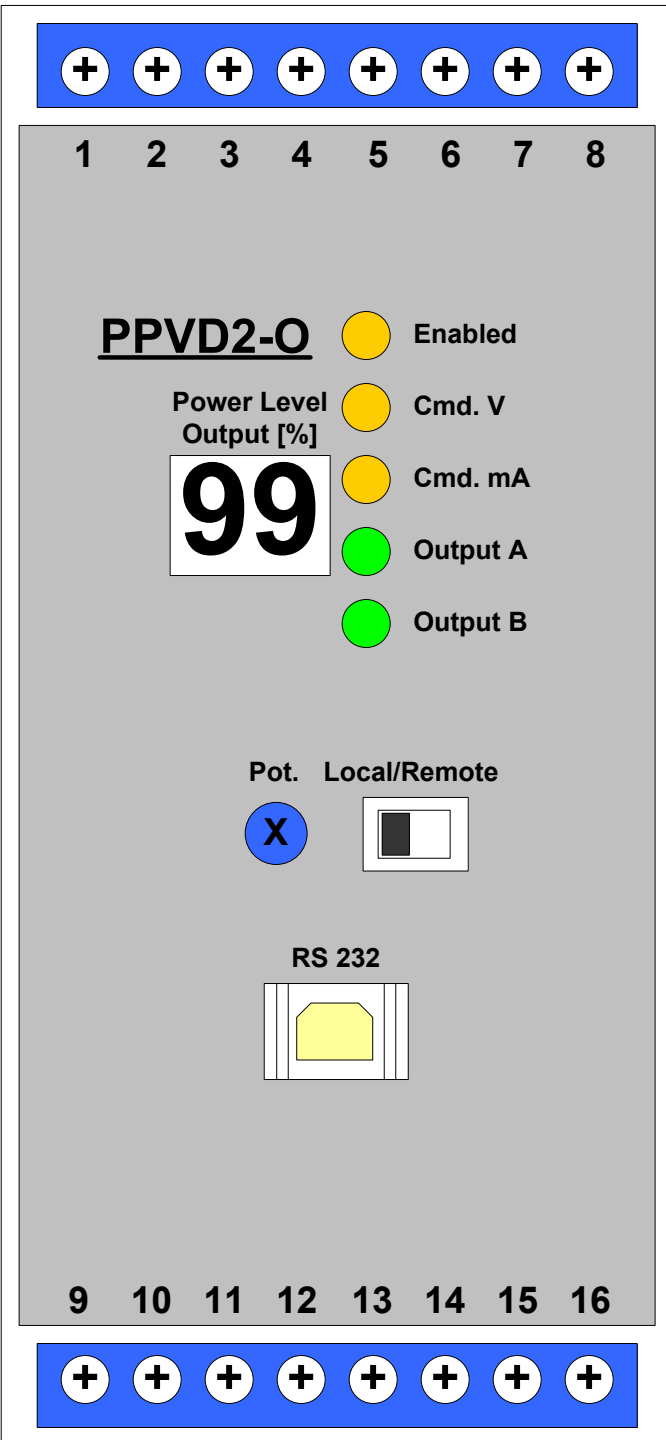


# Products:

## Single and Dual Output Programmable Proportional Solenoid Driver PPVD1-O & PPVD2-O

### Wiring Diagram

Term.	Name	Descriptions
1	PWR+	Power Input: 10 - 30 Vdc
2	COM	Power Input 0 Vdc (COM)
3	+10 Vdc	+10 Vdc for Command Signal
4	0 Vdc	0 Vdc Reference
5	-10 Vdc	-10 Vdc for Command Signal
6	CMD V	Command Vdc+ Signal
7	CMD Vref	Command Vdc- Signal
8	CMD A	Command mA+ Signal
9	CMD Aref	Command mA- Signal
10	OUT A+	Output Signal A+
11	OUT A-	Output Signal A-
12	OUT B+	Output Signal B+ (Dual Channel)
13	OUT B-	Output Signal B- (Dual Channel)
14	Enabled	Digital Input (Enable Output)
15	IN-A/A1	Programmable Input A/A1
16	IN-B/A2	Programmable Input B/A2



### Power Plug (Softshift)

This module can be used as Proportional Valve Power Plug as Flow Control valve or Pressure Control Valve.

### Term-14: Enabled

Enable connection is for safety. This signal must remain high or energized to turn Output on and can not be bypassed by the program. This connection could be used for soft emergency stop signal.

### Term-15: Digital Input IN-A

Digital Input IN-A could be programmed as Softshift for Output A (or Single Output PPVD1-O). When this input is energized, the Output A will be ramped to a preset current according to the programmed Ramp Time (10 msec to 10 sec).

### Term-16: Digital Input IN-B

Digital Input IN-B could be programmed as Softshift for Output B (Dual Output PPVD2-O). When this input is energized, the Output B will be ramped to a preset current according to the programmed Ramp Time (10 msec to 10 sec).

### Digital Inputs IN-A and IN-B Softshift Control

If both digital inputs are triggered (ON), only one output, based on first trigger first serve, will be executed. Both digital inputs must be disabled to utilize the analog command. All other programmed features, such as Dither Frequency, Dither Amplitude, Deadband Compensation will be executed accordingly.

Contact: