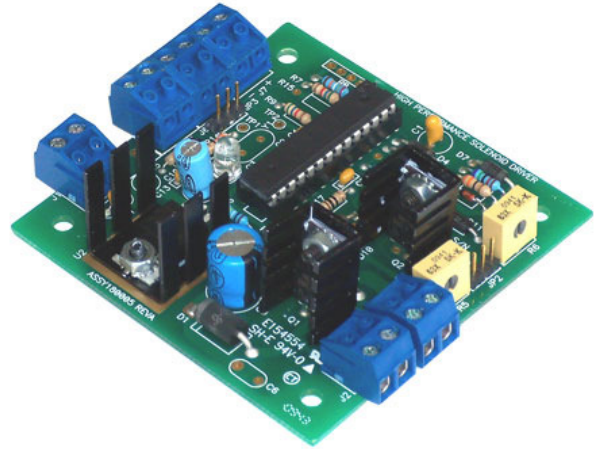


Proportional Solenoid Driver Module PWM Series

The PWM Module is designed to enable the user to vary the voltage across a solenoid or other devices.

The PWM output voltage is proportional to the input control voltage. The maximum voltage applied to the device could be adjusted using an onboard potentiometer.



Features

- Plug-and-Play
- Quick and Easy to Install
- Low Cost
- Small Size
- Low Weight
- Highly Efficient
- Stand Alone
- Microcomputer Based, May Be Re-programmed for Your Application
- Highly Reliable
- Pulse Width Modulated (PWM)
- Single Supply, from +9 VDC to +50 VDC
- High Supply Voltage, +50 VDC
- High Output Current 15 Amps Peak, 4 Amps RMS
- RoHS Compliant

Typical Applications

- Solenoids
- Valves
- Relays
- Actuators
- Voice Coil Actuators
- DC Motors
- Hydraulics
- Electromagnets
- LEDs

Performance Specifications

| Parameter | Min | Typical | Max | Units |
|-----------------------|--------|---------|---------|--------------|
| Supply Voltage | 9 | | 50 | VDC |
| Peak Current | | | 15 | Amp |
| Average Current | | | 4 | Amp |
| Command Range | 0 4 | | 5 20 | VDC mAmps |
| Operating Temperature | 0 | | 50 | Deg C |



Optimal Engineering Systems, Inc.
6901 Woodley Avenue
Van Nuys, California 91406 U.S.A.
www.oes-site.com

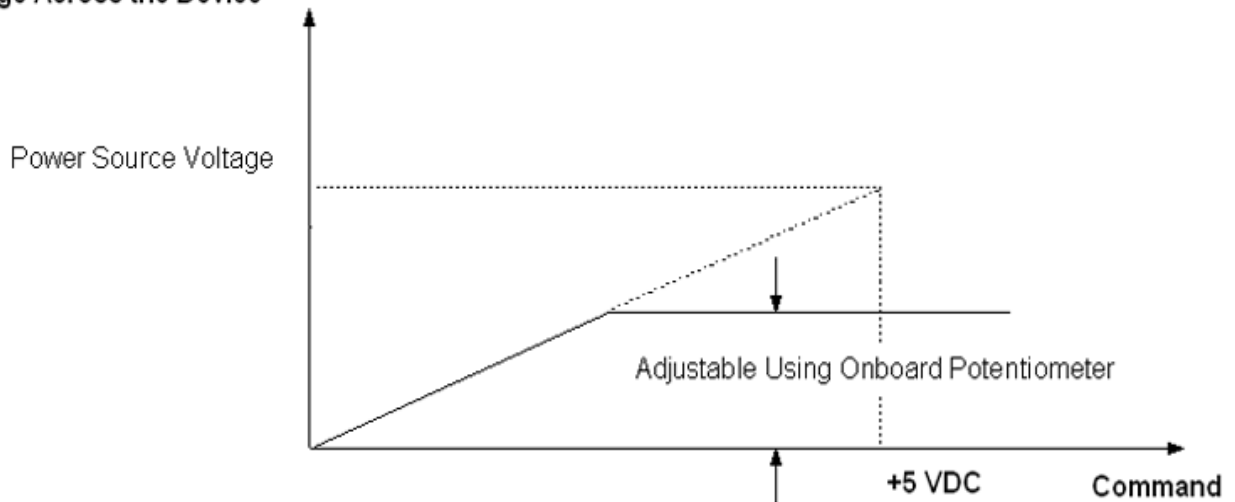
Phone (888) 777-1826
+1 (818) 222-9200
FAX +1 (818) 436-0446
E-mail oes@oes-site.com

Performance Table

| Part No. | Input Signal | Hold Voltage | Hold Time |
|----------|---------------------------------------|-----------------------|------------|
| PWM-xx | Analog Voltage, 0-5 VDC or 4-20 mAmps | Proportional to Input | Indefinite |

Input - Output Curve

Voltage Across the Device



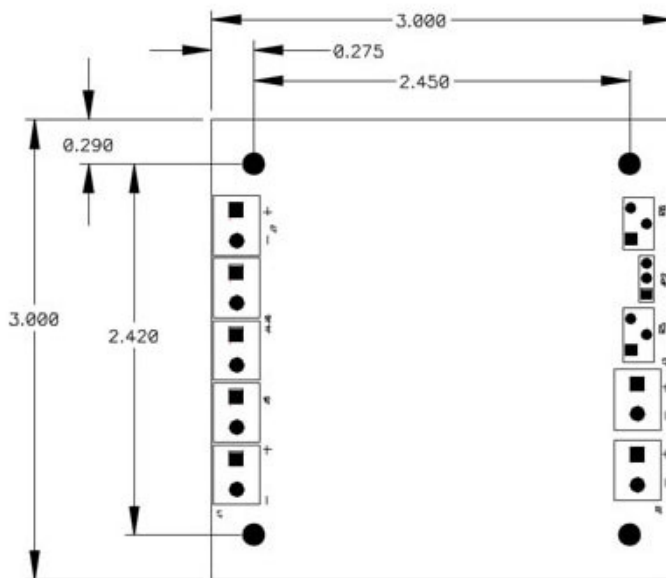
Mechanical Specifications

Mounting Pattern

Four 6-32 Screws, 0.15" Diameter (3.8 mm)

Dimensions

3.00" W, 3.00" D, 0.85" H (76.2 mm, 76.2 mm, 21.5 mm)



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