

## PANEL MOUNTED BI-DIRECTIONAL VARIABLE SPEED REGULATOR

### Part No. 919D2PR

- \* **Forward & Reverse PWM Speed Regulator.**
- \* **Easy installation - Unit panel mounted through 9.5mm hole. (Electrical connection via screw terminals).**
- \* **6 - 15v operation d.c. (from smooth non digital d.c. input).**
- \* **Output 0 - 100% of input voltage.**
- \* **Compact construction - board size 66 x 58mm**

These are regulators with variable outputs designed to be used with miniature and sub miniature motors. Allows the motor to be powered from a d.c. source either battery or transformer recitifier (transformer rectifier must have a non digital output).

Unit employs PWM circuitry which varies the output pulse width to vary the motor speed while maintaining a constant output voltage. PWM also assists in maintaining motor torque. Output may not zero motor speed in NO load conditions.

#### Specifications:-

Edge to edge frequency 2KHz

Linear output response

Input 6 - 15 volts d.c. (non digital)

Full 'H' bridge output drive

Rating 3 Amps continuous, 5 Amps peak.

Circuit provides approx 1/5th second breaking pause between directional changes.

