

**PANEL MOUNTED BI-DIRECTIONAL (12A) VARIABLE SPEED REGULATOR**

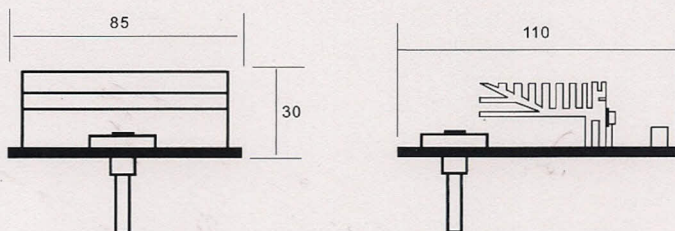
**PART NO. 919D3PR**

The 919D3PR uses pulse width modulation (PWM) to allow smooth, efficient bi-directional control of DC motors and other devices. The output is fully adjustable from 0 to 12 volts DC\* and can supply currents of up to 12Amps continuously.

**Features.**

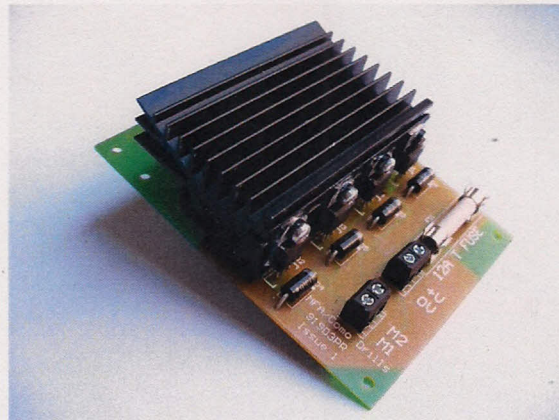
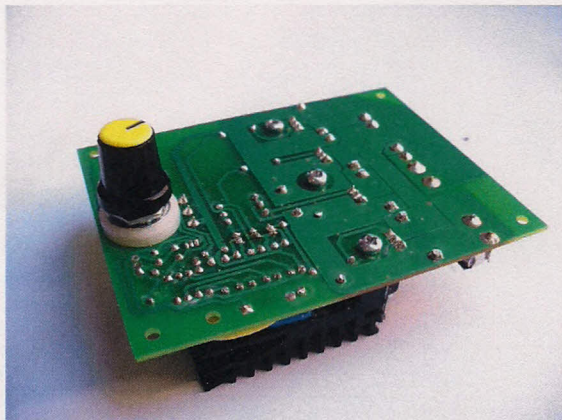
- \* Smooth bipolar (+ or - ) output control up to 12A DC continuous.
- \* Incorporates overcurrent and accidental supply-reversal protection. Additional thermal protection option available.
- \* Soft start feature reduces the in-rush current when first energised from the DC supply.
- \* Simple screw-in terminal blocks for supply and motor connections.
- \* Easy installation by panel mounting or screw fixing. Control knob & insulating washers included.

\* Depending on the supply voltage and load characteristics.



**Specification:**

- Nominal supply voltage:** 12V DC (9V min - 15V max) and  $\leq 10\%$  ripple.
- Output current:** 12A maximum continuous, 16A maximum non-continuous.
- PWM repetition frequency:** 1kHz +/- 5%
- Operating temperature:** 0 deg. to 40 deg. C (normal)  
0 deg. to 60 deg. C (with reduced output current above 40 deg. C)
- Storage temperature:** -10 deg. C to 70 deg. C.
- Relative humidity:**  $\leq 80\%$  (non condensing).
- Fuse:** 12A fast acting (type F). 6.3mm x 32mm ceramic cartridge.
- Dimensions:** 110mm x 85mm x 30mm.
- Weight:** 160 gramme.



This specification is subject to change in accordance with the policy of MFA Como Drills Ltd to strive for continuous improvement. You should contact MFA Como Drills Ltd before you make purchase if you are concerned that variations to the specification could affect the ability of the product to satisfy your requirements.