

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

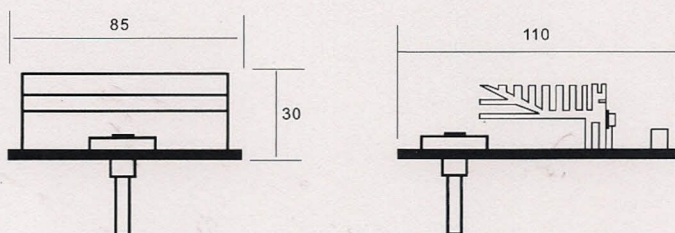
PART NO. 919D3PR

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 $\pm 5\%$
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.

