

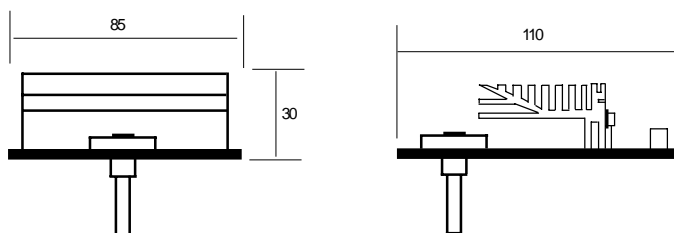
PANEL MOUNTED BI-DIRECTIONAL (12A) VARIABLE SPEED REGULATOR**PART NO. 919D3PR**

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.*
- * *0 - near full supply voltage.*

* 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:	160g.

