

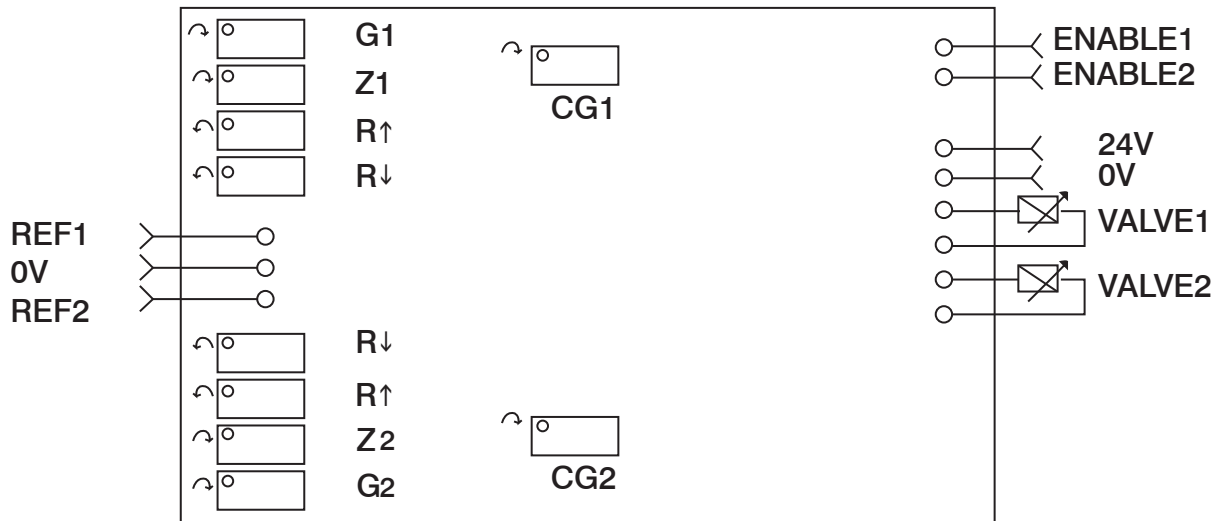
PD3300 PROPORTIONAL VALVE DRIVER

DESCRIPTION

This card is used to drive the many variety sort of proportional valves by means of the current regulation manner with PWM technic, therefore it is not necessarily the regulated supply voltage for this card and it can be supplied with any voltage from 20VDC up to 45VDC as nonregulated. This card has two channel valve driver devices including zero, maximum, rising ramp and falling ramp adjustments with trimpots as seperately for each cahnnel. The rising and falling ramps adjustments are useful in order to order to absorbe the instantaneously shock on the hydraulic system. The maximum current for difference type valves.

THECNICAL SPECIFICATIONS

Supply voltage	20 - 45VDC (nonregulated)	
Referance current inputs	0 - 10 x 2 channel	
Minimum valve rezistans	3Ω	
Maximum valve current	3A	
Rising ramp time	max 4 sn from zero to maximum	
Falling ramp time	max 4 sn from zero to maximum	
Dither frequency	400Hz constant	
According to supply voltage output current variation ratio	When supply voltage change 100%, output current change 0.7%	If supply voltage is fix, output current change 0.05%
Hysteresis	Maximum 1%(base on valve kind)	
Dimensions	109 x 79.5 mm	



If ENABLE1 is connected 0V, VALVE1 can give output signal.

If ENABLE2 is connected 0V, VALVE2 can give output signal.

CG1,CG2 current trimpots

G1,G2 gain trimpots

Z1,Z2 zero trimpots

R ramps trimpots