

PVA, Proportional Valve Amplifier

General information

LYNCA PVA is a single channel digital valve amplifier developed to drive proportional hydraulic valve coils.

LYNCA PVA supports both proportional pressure valves series such as Hoerbiger and Rexroth.



Technical specifications

Input Channel	1 x +/- 10 V DC (12bits ADC)
Output Channel	1 Channel 0.5 - 2.0 A Adjustable with jumper, with short protection
Power Supply	12..30 VDC
Dimensions	L x W x H = 87 x 63 x 44 , weight = 95gr.
Housing and Connectors	DIN Rail mounted housing , screw terminals AWG 16-30 wire
Power Consumption	50mA logic + valve current (2.1 A max.)
Temperature Range	-20° ... +60° C

J2 Jumper setting / Output Current

Current [A]	J2 Jumper rows set		
2.0 A	x x	x x	x x
1.5 A	x x	x x	x x
1.0 A	x x	x x	x x
always set	x x	x x	x x



J2 Jumper rows				Current [A]
x x	x x	x x	x x	2.0 A
x x	x x	x x	x x	1.5 A
x x	x x	x x	x x	1.0 A
x x	x x	x x	x x	0.5 A

Designed and manufactured by

Bilko® Automation

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