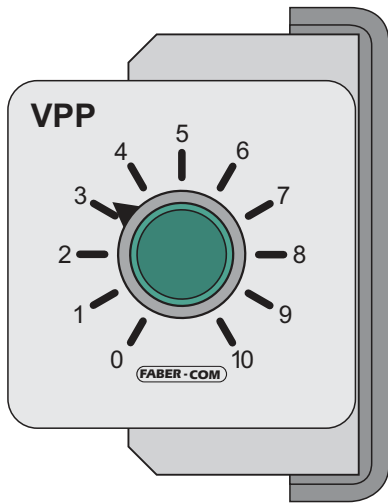


# Panel mounted electronic regulator for single solenoid proportional valve



## Technical specifications

Supply voltage (Vsup):	10.5 ± 30 VDC
Panel potentiometer:	5KOhm - 330°
Max output current:	2.5 A
Max current gap (Imax - Imin):	1.5 A
Max power:	75 W
Ramp time adjustment:	0.1 ± 10 sec
Indirect current measure:	1V = 1A
PWM frequency:	120 Hz (adjustable from 50 to 330 Hz)
Working temperature:	-10 °C ÷ +60 °C
Weight:	250 g
Back panel dimensions:	85 x 47 x 86 mm
Max panel thickness:	10 mm
Potentiometer protection degree:	IP64
<i>(special version available with potentiometer IP67 )</i>	

## Description

VPP2 electronic regulator is designed for single solenoid proportional valve open loop control.

Current regulation potentiometer is connected and assembled yet on electronic regulator.

Current range (offset and gain), ramps times and PWM frequency can be modified through trimming potentiometer (placed on the back side of card) to meet different kind of valves specifications.

VPP2 is protected against supply overtension and polarity inversion. PWM output is protected against short-circuit.

Electronic card is epoxy resin protected.

## Installation

You can mount the regulator on panel through two countersunk screws M4x10 (included). In the picture on side is showed front panel dimensions and drills mask.

With VPP2 regulator is also included a sticker with graduated scale from 0 to 10. You can use this sticker as reference scale for potentiometer adjustment.

