RPE Srl

Leader in Fluid Management Control

100%
MADE IN ITALY

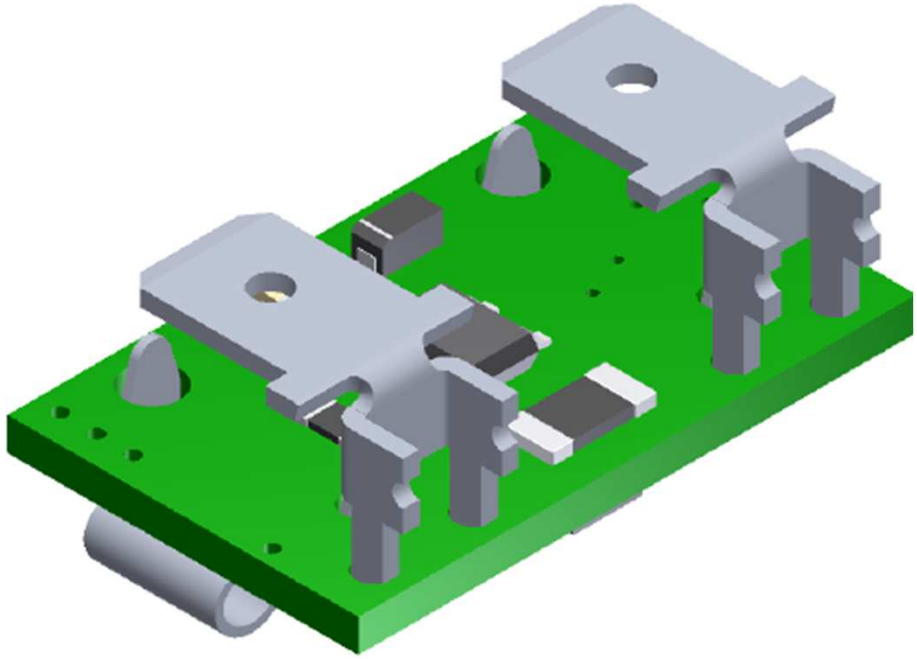
PWM BOARD

Solutions for coffee machine, water dispenser, appliances, medical equipment

For a control of the fluids at high temperature

PWM Software

100%
MADE IN ITALY

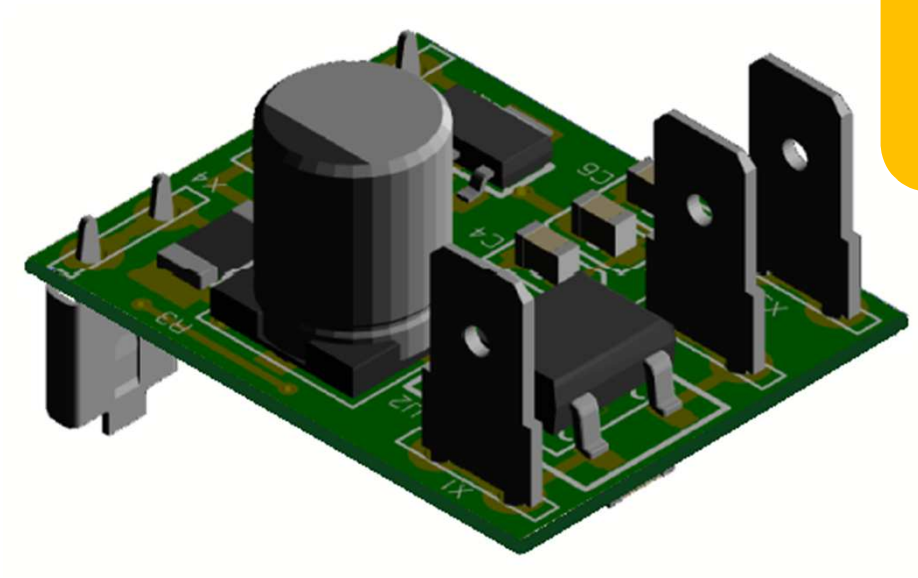


MAXIMUM RATING HARDWARE

24V DC

- Room temperature: 0 - 80°C
- Supply voltag: 24V DC 20%
- Current consumption of electronic board: 16mA
- Maximum power supply: 30W
- Maximum current supply: 1 A
- Peak current (10ms): 3 A
- Output type: Mosfet open drain
- PWM frequency: 15kHz 5%

PWM Software



MAXIMUM RATING HARDWARE

230V AC

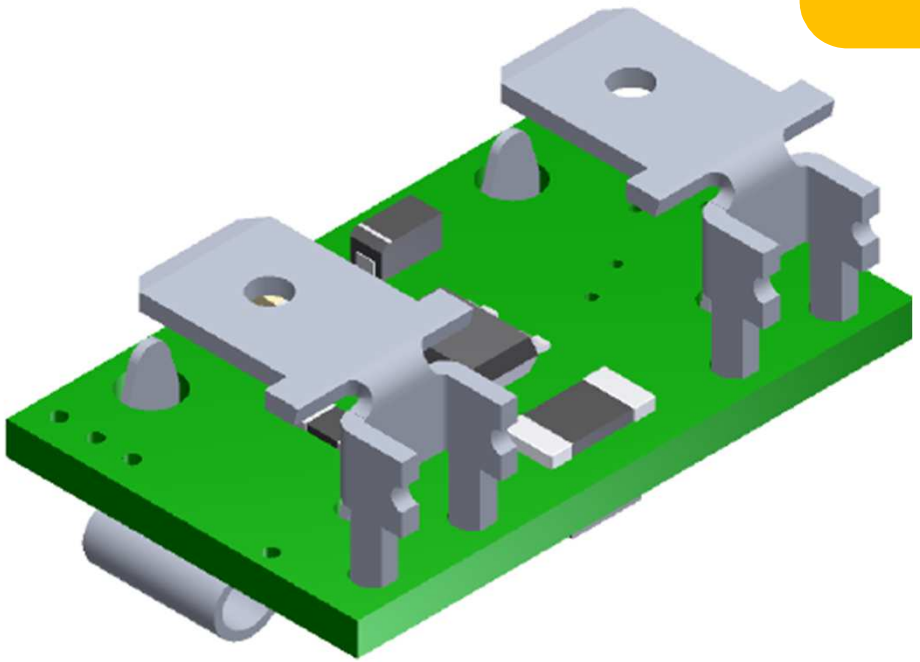
- Room temperature: 0 - 70°C
- Supply voltage: 220V AC 20%
- Frequency: 50Hz/60Hz
- Current consumption of electronic board: 10mA
- Maximum current supply: 0,5 A
- Peak current (10ms): 1 A
- Output type: Mosfet open drain
- PWM frequency: 5kHz 5%

PWM Software

PWM board allow to drive the electrovalves in direct current through the control of rush current and the holding current

FUNCTIONALITY OF SOFTWARE

24V DC



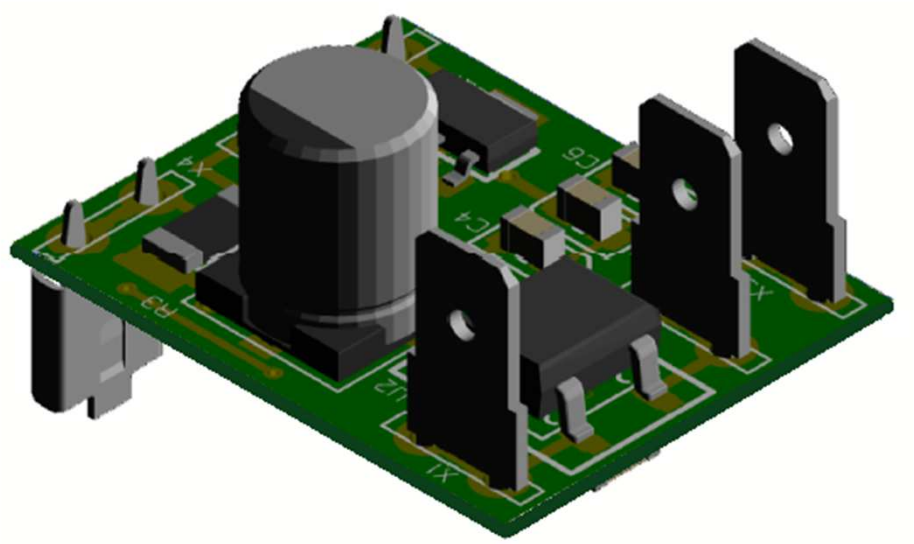
- In rush time: 500 ms ±5%
- In rush current: 480 mA ±5%
- Holding current: 100 mA ±5%
- Peak current(10 ms): 800 mA ±5%
- Start up time: 2 mS ±5%
- Stop time (output fall time): 100 µs ±5%
- Load inductance: 110 mH ±5%

PWM Software

PWM board allow to drive the electrovalves in direct current through the control of rush current and the holding current

FUNCTIONALITY OF SOFTWARE

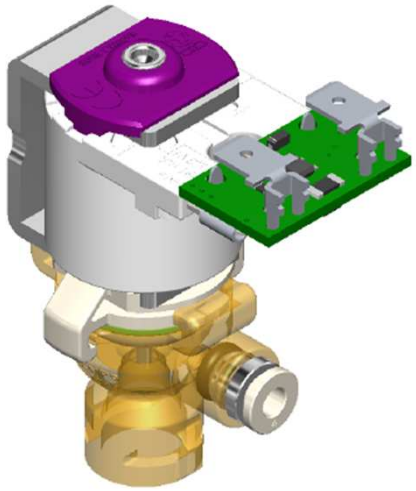
230V AC

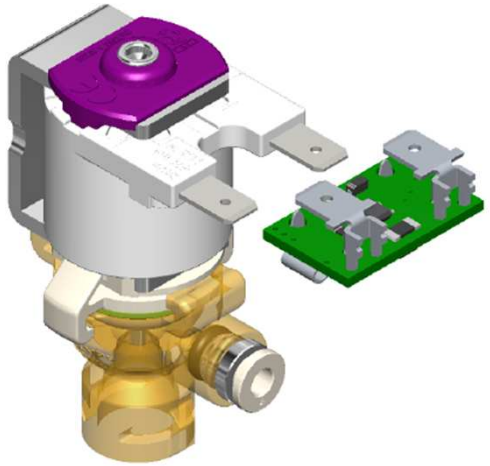


- In rush time: 100 ms ±5%
- In rush current: 400 mA ±5%
- Holding current: 30 mA ±5%
- Peak current (10 ms): 1000 mA ±5%

PWM Software

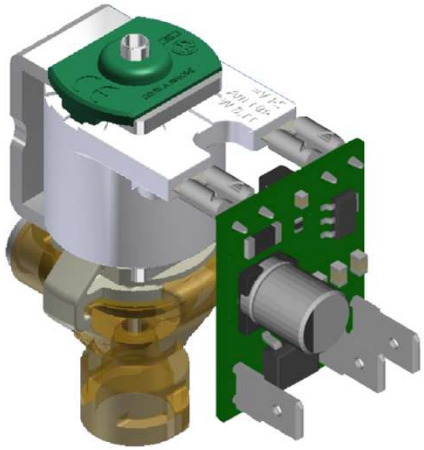
100% MADE IN ITALY

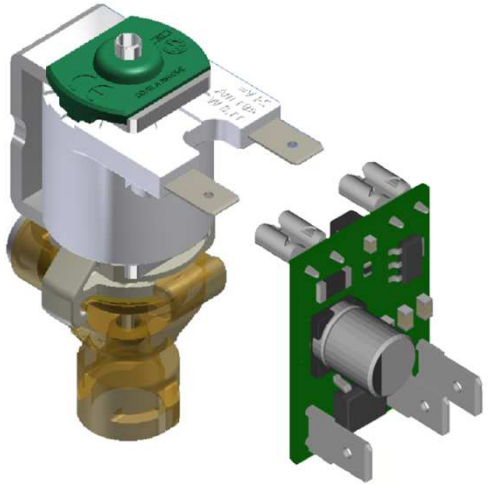




APPLICATIONS

- Electromechanical drivers:
- Solenoids
- Valves
- Actuators
- Protection against overheating of the solenoids

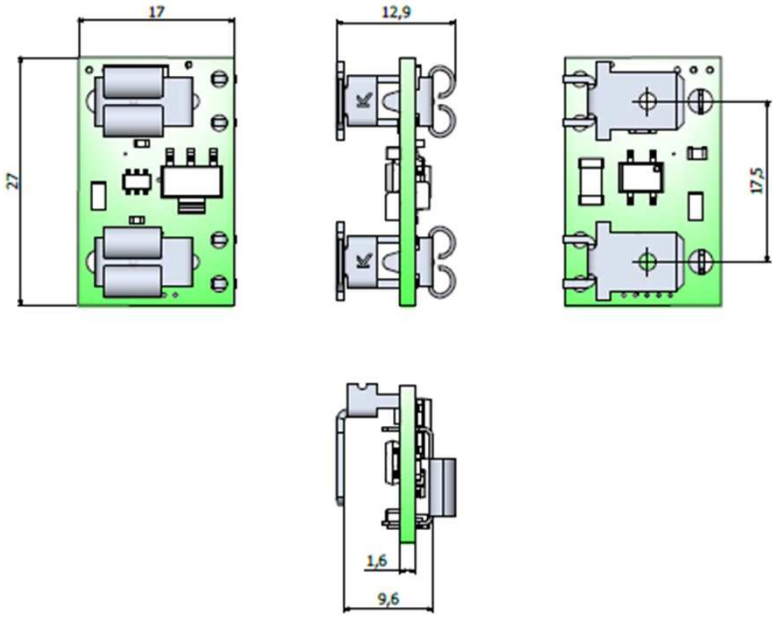




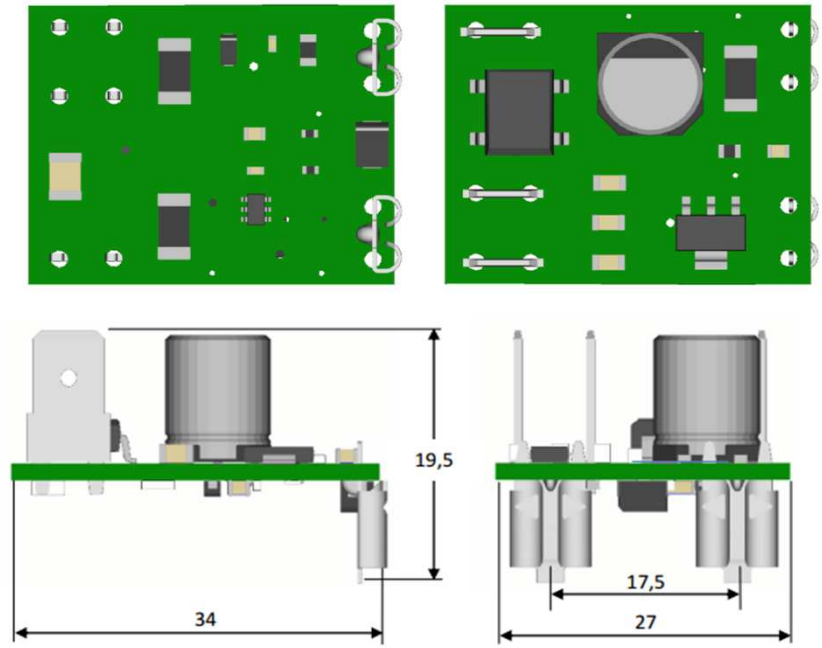
PWM Software

Plans and board size

24V DC



230V AC



PWM Software
Plus del prodotto

PATENTED

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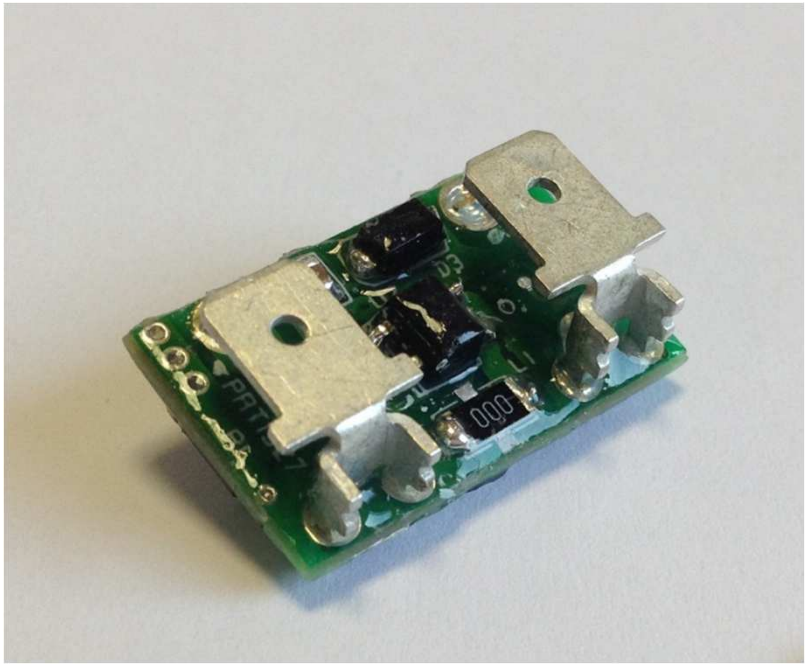
Very compact dimensions

Substantial reduction of the energy consumed about 60%



Allows to lower the operating temperature of the solenoid

Considerably reduces electromagnetic pollution (EMC)

PWM Software

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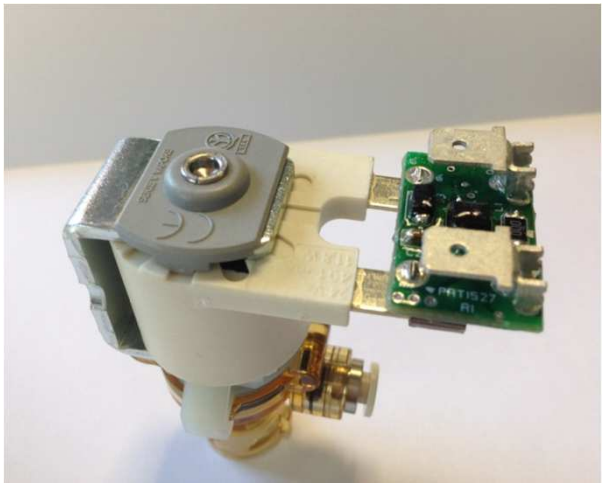

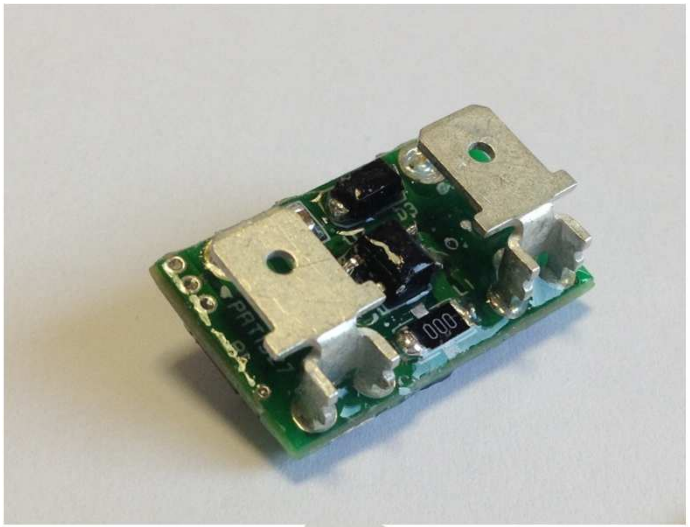

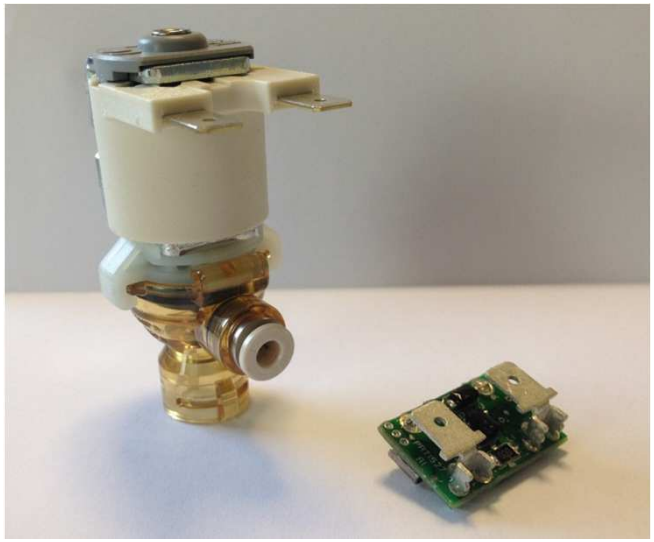

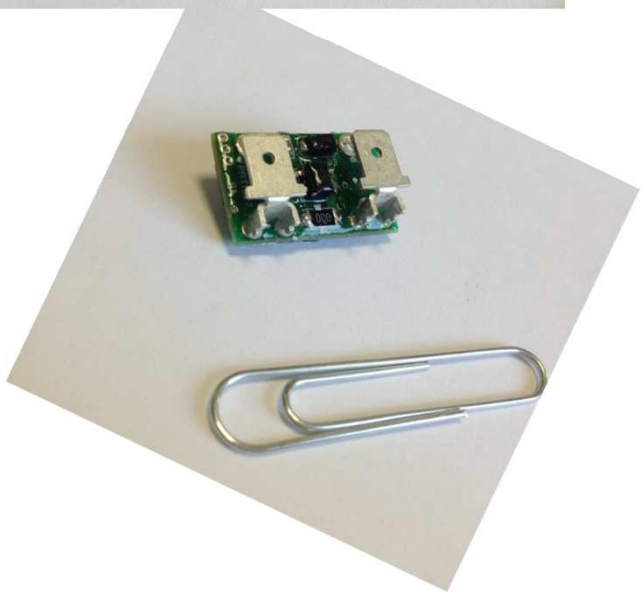

Target Market

100%
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NOTHING GREAT HAS EVER BEEN DONE WITHOUT PASSION

Thanks for your attention

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