

**CHOP 01-103015**

## PWM Electronic Regulator For DC Motor With An Open Loop

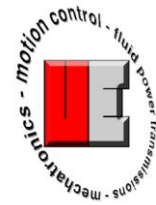
The CHOP 01-103015 regulator is a PWM electronic system that allows to check DC permanent magnet motors with a maximum current of 15 A. The system is called open loop because there is no feedback control on current consumption.



### SPECIFICATIONS

SUPPLY VOLTAGE.....	10V - 30V
SELF-CONSUMPTION.....	0,50 A
RECOMMENDED POTENTIOMETER VALU.....	4K7/10K
INPUT REFERANCE.....	= Vcc
ZONE OFF.....	0V
ADJUSTMENT CURRENT.....	from 0.05A @ 15 A
SPEED SETTING.....	through Potentiometer or Software
TIME RAMP SETTING.....	through Software
PWM.....	10 khz
PWM RESOLUTION .....	9 Bit
TOLERANCE .....	+/-2%
TEMPERATURE FIELD.....	-15°C ÷ +70°C
SIGNAL TERMINATIONS .....	connector AMP MODU II
POWER TERMINATION.....	screws diam. 5mm
PRTECTION LEVEL.....	humidity through resin





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SIZE.....125mm X 60 mm  
COMMANDS .....Start , Sense of rotation  
ALARMS.....current consumption control,  
temperature alarm at 80°C,  
low supply voltage.

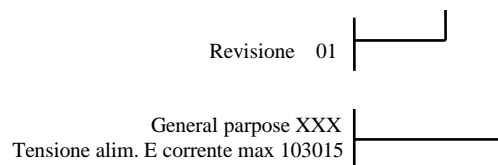
LED DISPLAY ALARMS .....Red Voltage,  
Yellow Current,  
Green Temperature

**MODEL :**

CHOP- 01 - 103015

**DESCRIPTION CODE:**

**CHOP 01 - XXX**



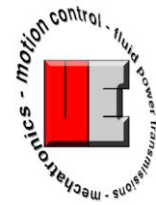
**Code Article: F00161**

## APPLICAZIONI

The control CHOP - 01-103015 was born to meet a wide range of applications from industry to consumer applications. We list some products that use this system:

- HYDRO CLEANERS
- ELECTRICAL SCOPE
- TROLLEYS FOR IRRIGATION
- BICYCLES ELECTRICAL ASSISTED
- ELECTRICAL SKATEBOARD
- PUMPS TREATMENT
- TRANSPALLET





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