

# 4 Setpoint Generator

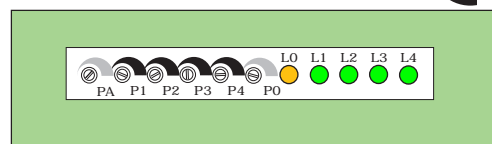
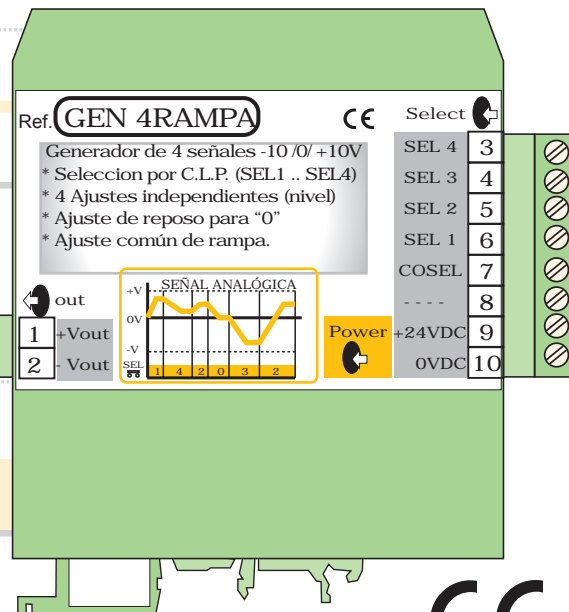
4 Preadjustments independent  
c/Potentiometers  
output -10 ..+10V

Ramp common adjustment

Zero adjustment

PLUG-IN CONNECTORS

Selection of pnp output or contact



## DESCRIPTION

This generator has 4 digital selection inputs, through PNP transistor or potential free contact.

In the output the voltage goes from 0/ +10V and the load capacity >2K.

The isolation between the supply and the output is up to 1500V; the supply has a max. consumption of 70mA and 24VDC (+/-10%).

## REGULATIONS COMPLIANCE

Electromagnetic Compatibility	2004 / 108 / CE
Low voltage for amb. industrial	2006/95/CEE
Electromagnetic emissions	UNE-EN 50081-2
Electromagnetic immunity	UNE-EN 50082-2
Waste electronics(WEEE)	2002 / 96 / CE

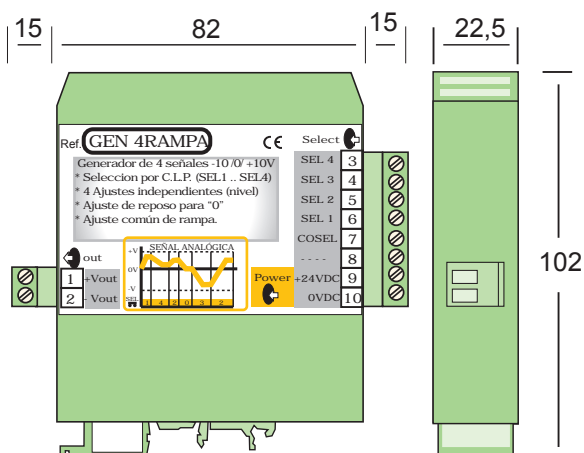
## TECHNICAL CHARACT.

- Supply voltage	24 V (+/- 10 %)
- Supply/ output isolation	1500 V
- Max. current	70 mA
- Independent adjustment of setpoints (speed) and ramps(acceleration).	
- Setpoint programming in any value between +/-10V.	
- Ramp programming in 1/100 relations(e.g: 1...70V/seg.)	
- There is a 5th setpoint with his ramp, that when there's no one selected the output goes to point 0, with the preadjusted ramp.	
- Selection sequence, activated by the digital signal from the free potential contact or PNP transistor.	

## AMBIENTALS

Working temp.	-10 / +60 °C
Storage temp.	-40 / +80 °C
T <sup>a</sup> coefficient	50 ppm / °C
Warm up time	5 min.

## DIMENSIONS (mm)



**LEVEL & RAMP**  
Adjustables

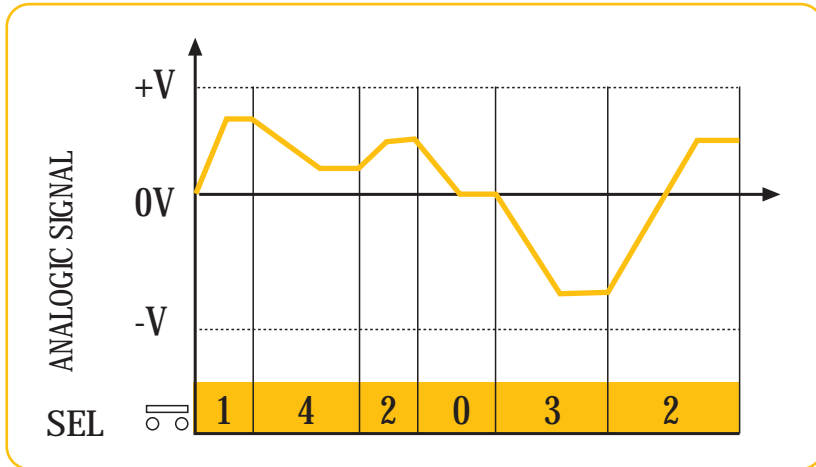
## MECHANICAL

Protection:	IP 20
Connection wire:	<2,5mm , 12 AWG
Box:	Poliamide UL94. V2
Weight:	max. 90 gr.
Rail:	EN 50035, EN 50022

## REFERENCE

GEN4 RAMPA

# ANALOGICAL OUTPUT

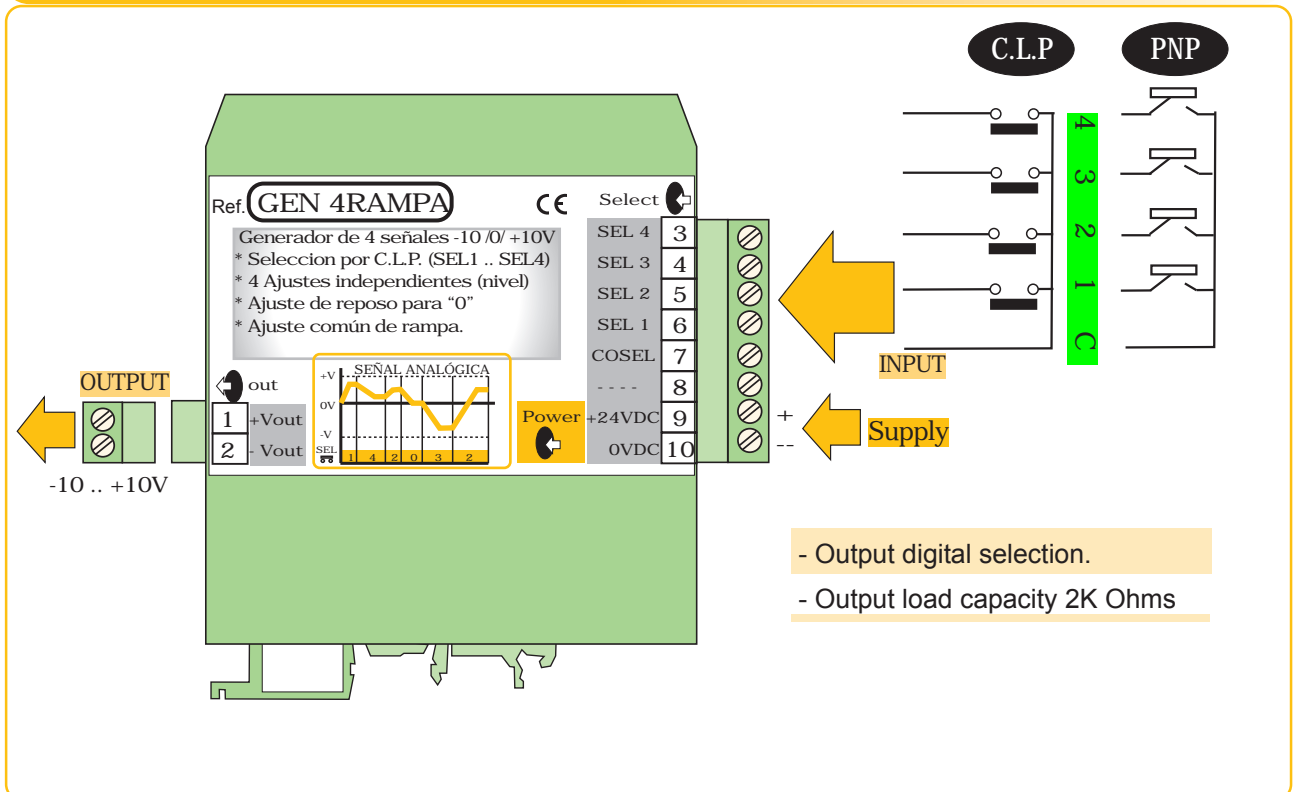


## PRECISION

Max. global error	0,1 %
Linearity error	0,08 %
Thermal drift	0,5 $\mu$ A / °C
Thermal drift	0,2mV / °C

# CONNECTIONS

Selection of setpoint  
(commonramp) INPUT



- Output digital selection.
- Output load capacity 2K Ohms