

# INPUT 0/10V; 4/20mA . . . CONVERTER AMPLIFIER

OUTPUT

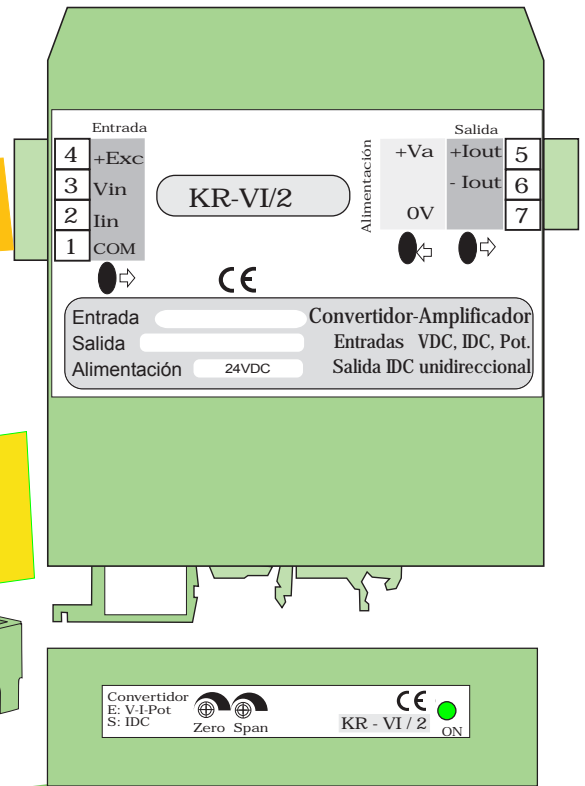
# IDC CURRENT

FOR ANY LOAD

Max. 200 mA  
of Iout

Ask for  
other  
currents

PLUG-IN  
CONNECTORS



## DESCRIPTION

The amplifier modules with current output, are used like a power stage to operate the proportional electrovalves. Converting the setpoint current, voltage or potentiometer signal into a amplified proportional current signal.

Can be adjusted with SPAN and ZERO adjustables, accessible from the front. The modular box is suitable for DIN EN rails, with a reduced space and consumption.

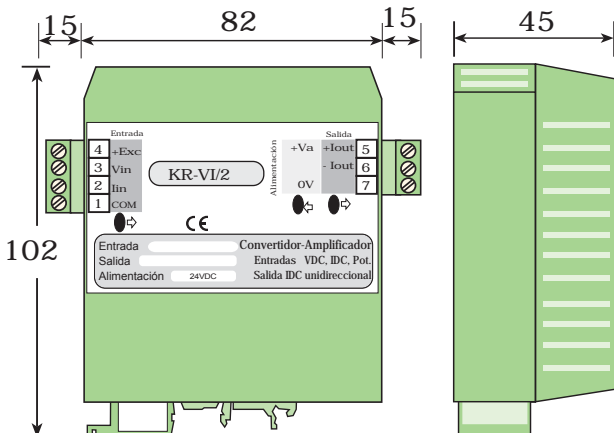
## INPUT

- Input impedance (voltage)	100 Kohm.
- Input impedance (current)	see Z in
with protection: 150ohm.; without prot.: 50 ohm.	
- Max. current in the input	50 mA

## TECHNICAL CHARACT.

- Supply voltage	Va: 10 ... 30 VDC
- Max consumption without load	30 mA
- Working Temp.	- 10° ... + 55° C
- Max. global error	< 0,1 %
- Protection with current limiter in the output	

## DIMENSIONS (mm)



## OUTPUT

- Load impedance [ <math>V\_a \setminus I\_{out}</math>] (p.e. 120 Ohm para  $V_a = 24VDC$ )
- Max. Current for ( $V_a = 24VDC$ ): 200mA
- For higher "Iout" current ask (p.e.  $I_{out} = 500mA @ R_{out} = 5 \text{ ohm}$ )

## 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

## MECHANICAL CHARACTERISTICS

Protection:	IP 20
Connection wire:	<math>< 2,5 \text{ mm}</math>, 12 AWG
Box:	Polyamide UL94. V2
Weight: max.	200 gr.
Rail:	EN 50035, EN 50022

## REFERENCE

a 230VAC:	
a 24VDC:	KR - VI / 2

