



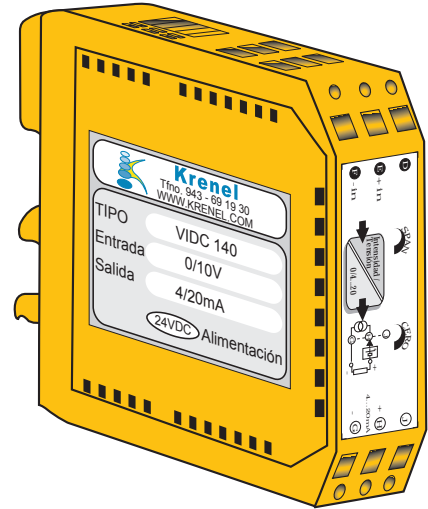
VDC, IDC CONVERTER



SALIDA

0/10V
4/20mA

...



DESCRIPTION

This converters are used to convert analog signals to a proportional magnitude in voltage or current. With SPAN and ZERO adjustments.

Comes in a modular box ready to be used in a DIN EN rail, with a reduced space and consumption.

4 / 20 mA OUTPUT

- Load resistance	máx. 600 Ohm
- Output max current	25 mA

0 / 10 V OUTPUT

- Load resistance	min. 1 Kohm.
- Max output current	10 mA

INPUT

- Input impedance (I)	50 ohm.
- Input impedance (V)	> 100 Kohm.
- Max current input.	50 mA

AMBIENTALS

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

PRECISION

Max global error	0,1 %
Linearity error	0,08 %
Thermal drift	0,5µA / °C
Therma drift	0,2mV / °C

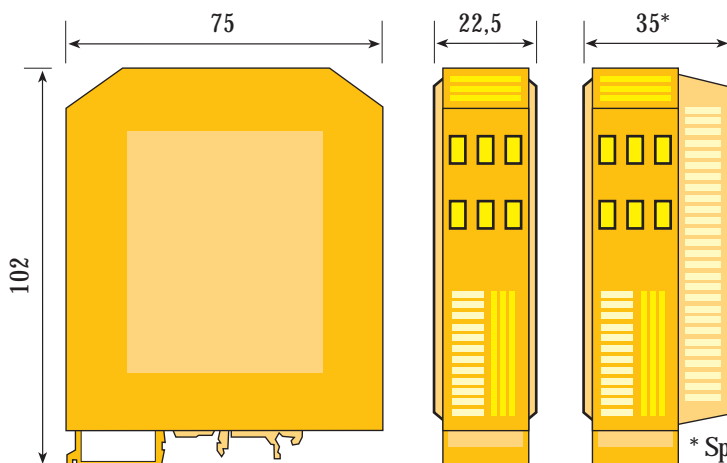
TECHNICAL CHARACT.

- Supply voltage	230 VAC (+/-10%) or 24 VDC (+/-10%)
- Working temp.	- 10° ... +60° C
- Max global error	< 0,1% -
Max consumption (with max. load 1K)	20 mA
- Input current loop excitation	
- SPAN and ZERO adjustment.	
- Proteccton against polarity inversion in the current loop.	

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

DIMENSIONS (mm)



MECHANICAL

Protection:	IP 20
Connection wire:	<2,5 mm, 12 AWG
Box:	Polyamide UL94. V2
Weight: max.	75/120 gr.
Rail:	EN 50035, EN 50022

MODELS

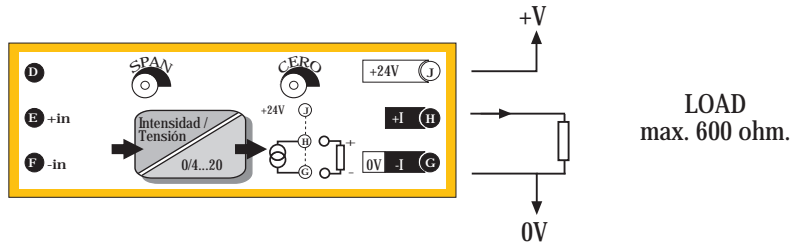
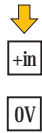
OUTPUT	24VDC	230VAC
4 / 20mA	VDC E40	VDC E42
4 / 20mA (2 wires)	VDC E40-2HILOS	
0 / 10V	VDC E10	VDC E12
Otras	VDC EE0	VDC EE2

OUTPUT CONNECTIONS 4/20

SUPPLY 24 VDC . output 3 WIRES.

REFERENCE: VIDC E40

NORMAL

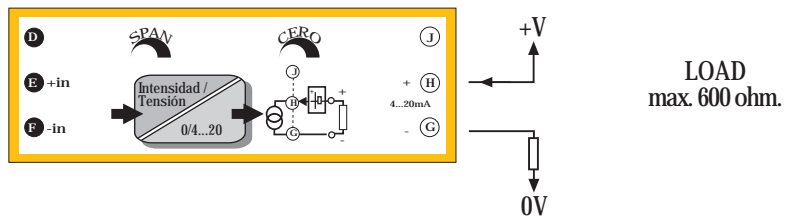
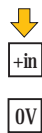


SUPPLY 24 VDC. output PASSIVE.

REFERENCE: VIDC E40-2HILOS

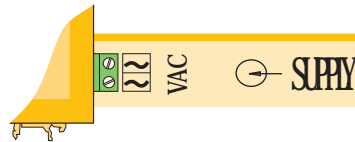
m A and mV Input cases

NORMAL

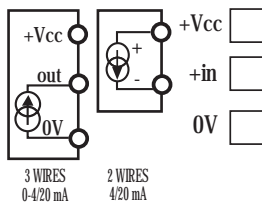


SUPPLY 230 VAC. output ACTIVE.

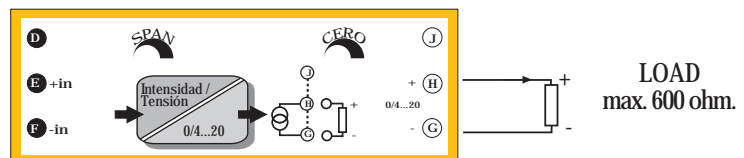
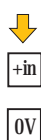
REFERENCE: VIDC E42 VIDC E42-EXC



* 0/4-20 mA
SENSOR EXCITATION



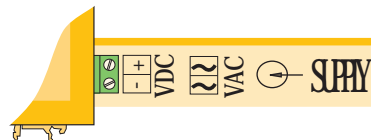
NORMAL



OUTPUT CONNECTIONS 0/10

SUPPLY 24 VDC OR 230 VAC

REFERENCE: VIDC E10 VIDC E10-EXC
VIDC E12



* NORMAL

