

Variable Resistance Isolator

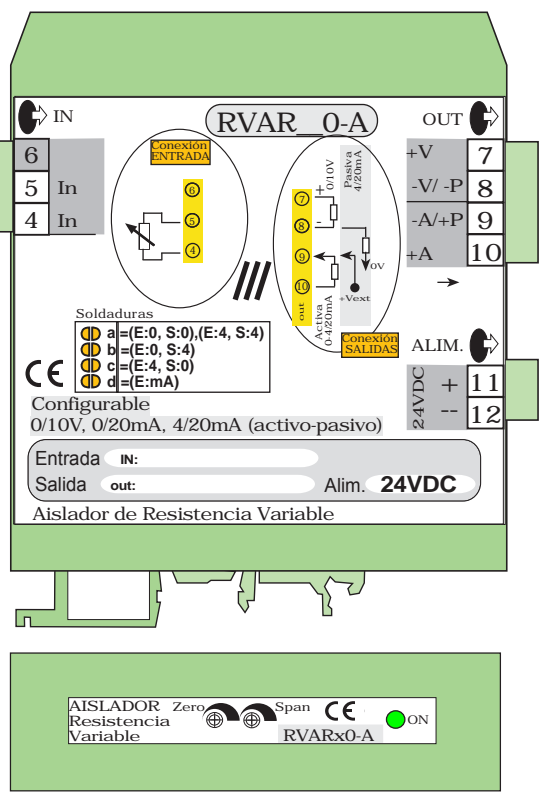


OUTPUT 0/10V, 0/5V, -10/+10V
0/20mA, 4/20mA
0/60mV ...

RVAR
NTC
PTC
KTY81
KTY84

SUPPLY
24 VDC

PLUG-IN CONNECTORS



DESCRIPTION

This modules are used to convert the signal from a variable resistance into a magnitude in form of current loop.

With a SPAN and ZERO adjustments accessible from the front side

They came in a modular box that fits in DIN En rails and with IP65. Both with a reduced space and consumption.

AMBIENTALS

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

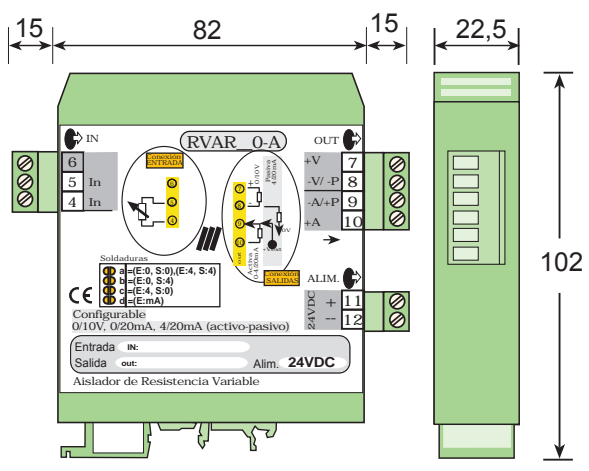
TECHNICAL CHARACT.

- Aislamiento galvánico en 3 vías	3.000 V
- Tensión de alimentación	24 VDC (21... 30V)
- Consumo máximo	50 mA
- Máximo error global	< 0,1%
- Acceso exterior de ajuste SPAN y CERO. (+/- 5% multivuelta)	
- Tiempo de respuesta típico	50msg
- Tiempo de respuesta mínimo	2msg

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)



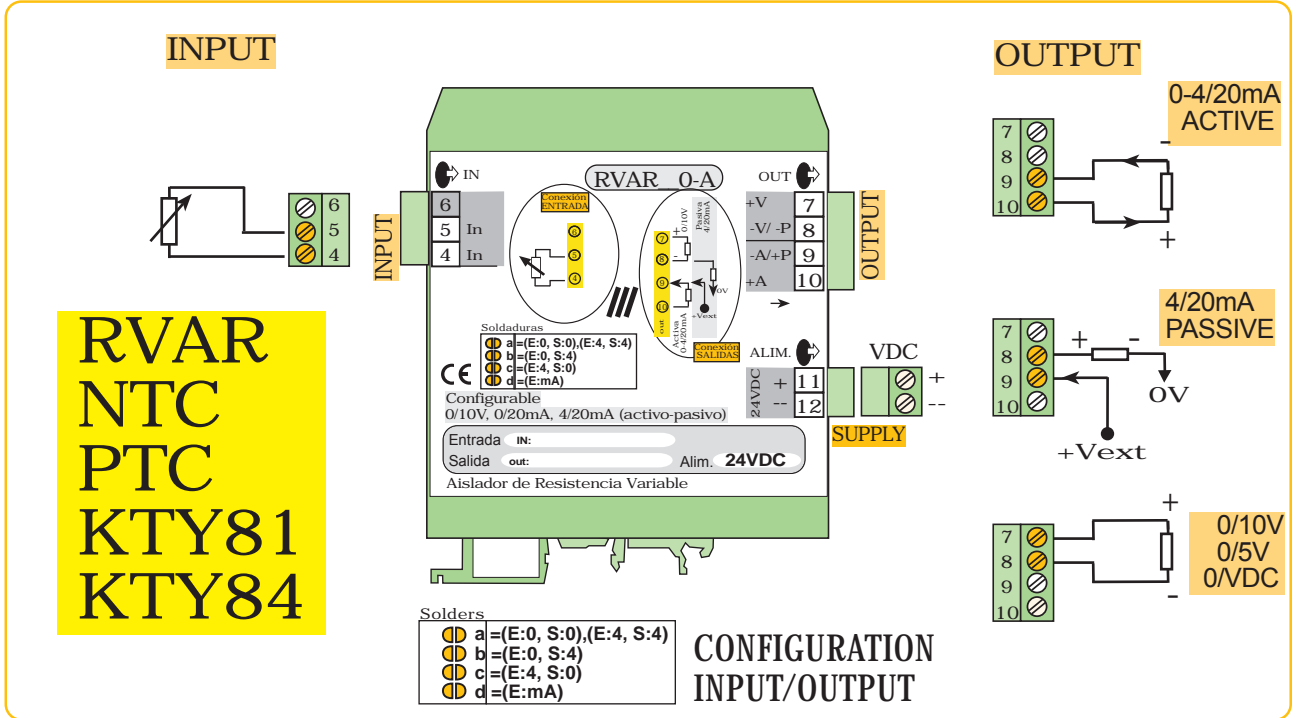
MECHANICAL

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

MODELS

Salida 0/20mA	RVAR00-A	
Salida 4/20mA	RVAR40-A	
Salida 0/10V	RVAR10-A	

CONNECTIONS RVARx0-



INPUT

- Input impedance	TO DEFINE
- Excitation current	TO DEFINE

PRECISION

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

OUTPU

- Load resistance	Ⓜ mín. 1 Kohm.
- Output limitation	Ⓜ 13,5 V
- Load resistance	Ⓜ max. 600 ohm.
- Output limitation	Ⓜ 23 mA