

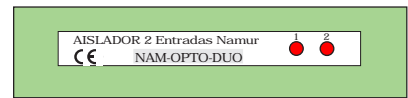
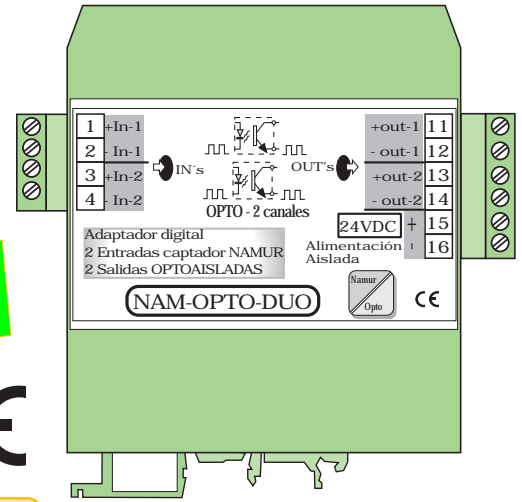
1 and 2 Channels

NAMUR CONVERTER

OPTOISOLATED OUTPUT

SUPPLY
24 VDC

WITH PLUG-IN
CONNECTORS



DESCRIPTION

This converter module changes the NAMUR probe signal into a free of potential optocoupled output, it can be configured to PNP or NPN.

They come in a modular configuration, ready to be used in a DIN EN rail, reduced consumption and space.

INPUT

NAMUR (DIN 19234)

Exc 8'2V Rc < 1K
ION < 1mA IOFF > 3mA



2500V ISOLATION

OUTPUT

Optoisolated	OPTOCOUPLED
Max. current capacity	30mA
Max. voltage	30V
Configuration	NPN, PNP, CLP, TTL... depend
Max. Freq.	2.000Hz

SUPPLY

Supply voltage	24VDC (Isolated)
Max. consumption	40mA

IMPORTANT ! If the same +24VDC supply is used for the output, the output will be un-isolated.

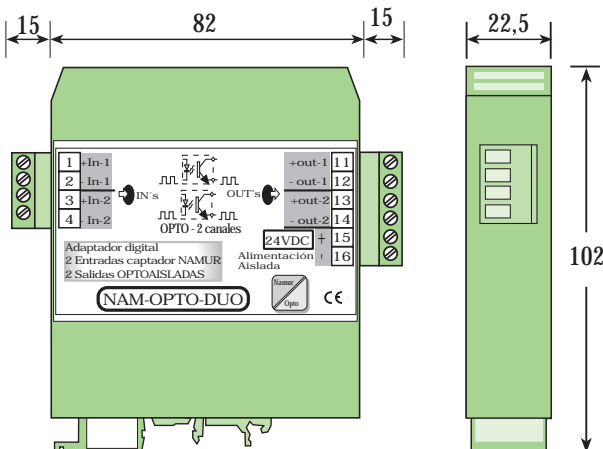
AMBIENTALS

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

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.	150 gr.
Rail:	EN 50035, EN 50022

Reference (1 channel) **NAM OPTO**

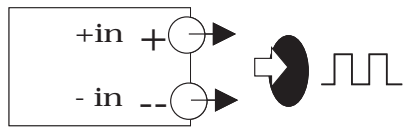
Reference (2 channels) **NAM OPTO-DUO**

CONNECTIONS

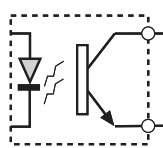
INPUT

NÁMUR (DIN 19234)

NAMUR CAPTOR



OPTO



OUTPUT

Optoisolated	OPTOCOUPLED
Max. current capacity	30mA
Max. voltage	30V
Configuration	NPN, PNP, CLP, TTL... depend
Max. Freq.	2.000Hz

