

I/O extension module - NLC-IO-2AI-2AO-01 - 2701040

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I/O extension module for use with Nanoline base unit. Equipped with 2 analog input (0...10 V DC, -10...+10 V DC, 0/4...20 mA) and 2 analog output (0...10 V DC, 0/4...20 mA) channels. A maximum of three I/O extension modules can be attached to a base unit.

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 629522

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	40 mm
Height	103.5 mm
Depth	43 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Supply

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 24 V DC
Supply current	100 mA

Analog inputs

Description of the input	Single ended
Input name	Analog inputs
Number of inputs	2 (Voltage or current can be chosen separately)
Connection method	Individual wires
	Screw connection
Resolution A/D	12 bit

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Technical data

Analog inputs

Limit frequency (3 dB)	5 Hz
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
Input resistance current input	120 Ω
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Input resistance of voltage input	200 kΩ

Analog outputs

Number of outputs	2
Connection method	Individual wires
	Screw connection
Output name	Analog outputs
D/A resolution	12 bit
Current output signal	0 mA ... 20 mA
	4 mA ... 20 mA
Load/output load current output	500 Ω
Voltage output signal	0 V ... 10 V
Load/output load voltage output	1000 Ω
Precision	1 %

Classifications

eCl@ss

eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27242216
eCl@ss 5.1	27242216
eCl@ss 6.0	27242216
eCl@ss 7.0	27242216
eCl@ss 8.0	27242216

ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC001417
ETIM 5.0	EC001417

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015

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Classifications

UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / EAC

Ex Approvals

Approvals submitted

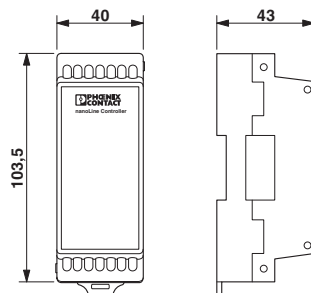
Approval details

UL Listed 

EAC

Drawings

Dimensional drawing



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