

I/O extension module - NLC-IO-4AI - 2701098

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I/O extension module for use with Nanoline base unit. Equipped with 4 analog input channels. A maximum of three I/O extension modules can be attached to a base unit.

Your advantages

- Automatically recognized by the firmware
- I/O modules are electrically isolated
- Can be powered from a secondary power supply
- A system may have up to 8 analog inputs and 8 analog outputs
- Configuration options for 0 - 10 V DC, ± 10 V DC, 4 - 20 mA, and 0 - 20 mA
- Up to 3 modules can be added to the right side of a base unit

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 325318
GTIN	4046356325318

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

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Technical data

Supply

Supply voltage	24 V DC
Supply current	nom. 50 μ A
	max. 90 μ A

Analog inputs

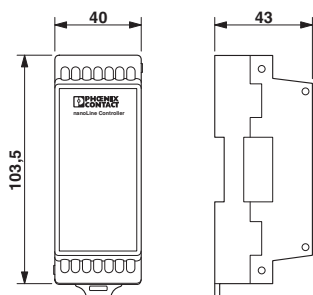
Description of the input	Single ended
Input name	Analog inputs
Number of inputs	4 (Voltage or current can be chosen separately)
Connection method	Individual wires
Connection technology	Screw connection
Resolution A/D	12 bit
Limit frequency (3 dB)	5 Hz
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
Input resistance current input	120 Ω
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Input resistance of voltage input	200 k Ω

Environmental Product Compliance

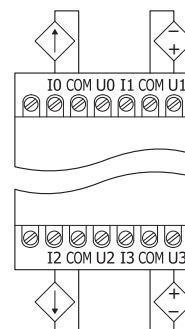
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Connection diagram



Approvals

Approvals

Approvals


UL Listed / EAC

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Approvals

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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EAC		EAC-Zulassung
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