

# Operator terminal - NLC-OP1-LCD-032-4X20 - 2701137

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User interface for Nanoline controllers. Mounts directly on the base unit. Can be mounted remotely using the mounting kit.

## Product Description

User interface for Nanoline controllers. 8-line, 20-character backlit display provides operation and setup information to the user. Numeric and directional buttons allow entry and selection of data into the controller. Can be mounted directly on the base unit, mounted remotely using the optional mounting kit, or used as a service tool.

## Your advantages

- Numeric (0 - 9), direction (up, down, left, right), and Enter keys can be used to input custom messages
- Displays messages prompting user input
- Can be integrated in the basic unit or installed remotely on a panel (1 m distance)
- Variable font sizes for improved legibility of custom messages (4 x 20 or 2 x 10 or a combination of the two)
- The hot-swappable design enables use as a service tool and for security
- Provides access to view all I/O points, registers, flags, timers, counters, program flags, and system flags

## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356325288

## Technical data

### Note

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

Width	76 mm
Height	46 mm
Depth	31.5 mm

### Ambient conditions

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## Technical data

### Ambient conditions

Degree of protection	IP67/IP20
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	0 °C ... 60 °C

### Interfaces

Interface	Operator Panel
Connection method	RJ45
Transmission length	max. 1 m

### Supply

Power supply connection	RJ45
Supply voltage	Power available via logic module
Max. current consumption	50 mA
Typical current consumption	32 mA

### Software interfaces

Programming tool	nanoNavigator
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### General

Mounting type	In logic module or with remote mounting kit
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### Display

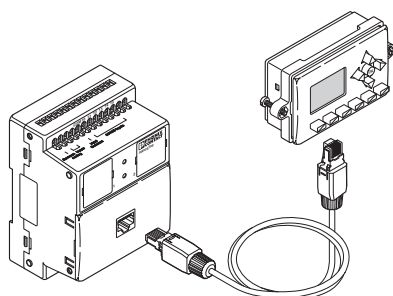
Display	Backlit LC display, monochrome, 4 lines with 20 characters or 2 lines with 10 characters
Monitor resolution	128 x 64 pixels
Display area	66 mm 34 mm
Keys	11

### Environmental Product Compliance

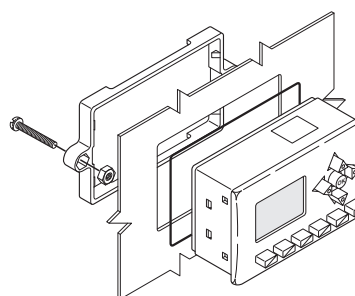
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Schematic diagram



Schematic diagram



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## Approvals

### Approvals

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#### Approvals


UL Listed / EAC


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Ex Approvals

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### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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EAC		EAC-Zulassung
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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