

NLC-OP2-LCD-076-4X20 - Operator terminal



2701945

<https://www.phoenixcontact.com/us/products/2701945>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Remote user interface for Nanoline and ILC 1... controllers. RS-232 interface allows mounting up to 15 m away.

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. Mounted remotely.

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
- 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

Commercial data

Item number	2701945
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR11
Product key	DRACAF
GTIN	4046356949507
Weight per piece (including packing)	471.5 g
Weight per piece (excluding packing)	461 g
Customs tariff number	85371098
Country of origin	IN

Technical data

Product properties

Product type	Operator interface
Display	
Display type	Backlit LC display, monochrome, 4 lines with 20 characters or 2 lines with 10 characters

Electrical properties

Supply

Supply voltage	24 V DC
Supply voltage range	10.8 V DC ... 26.4 V DC
Power supply connection	3-pos. Combicon
Max. current consumption	40 mA (24 V DC)
	75 mA (12 V DC)
Typical current consumption	38 mA (24 V DC)
	71 mA (12 V DC)

Interfaces

Operator Panel

Connection method	9-pos. D-SUB male
Transmission length	max. 15 m

Dimensions

Width	128 mm
Height	102 mm
Depth	44.5 mm

Installation dimensions

Width / Height / Installation depth	119 mm / 93 mm / (Installation cutout)
-------------------------------------	--

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	0 °C ... 60 °C

Mounting

Mounting type	Panel mounting
---------------	----------------

2701945

<https://www.phoenixcontact.com/us/products/2701945>

Classifications

ECLASS

ECLASS-13.0

27242216

ETIM

ETIM 9.0

EC001417

UNSPSC

UNSPSC 21.0

39122300

2701945

<https://www.phoenixcontact.com/us/products/2701945>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com