

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



2701945

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

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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 |
|---------------|----------------|

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Classifications

ECLASS

ECLASS-13.0

27242216

ETIM

ETIM 9.0

EC001417

UNSPSC

UNSPSC 21.0

39122300

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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% |
|-------------------------------------|----------------------------|

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