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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

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 2701137 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DR |
| Product key | DRACAF |
| Catalog page | Page 471 (C-8-2015) |
| GTIN | 4046356325288 |
| Weight per piece (including packing) | 121.7 g |
| Weight per piece (excluding packing) | 118.3 g |
| Customs tariff number | 85371099 |
| 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 |

System properties

| | |
|---------------------|---------------|
| System requirements | |
| Engineering tool | nanoNavigator |

Electrical properties

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

Interfaces

| | |
|---------------------|----------|
| Operator Panel | |
| Connection method | RJ45 |
| Transmission length | max. 1 m |

Dimensions

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|--------|---------|
| Width | 76 mm |
| Height | 46 mm |
| Depth | 31.5 mm |

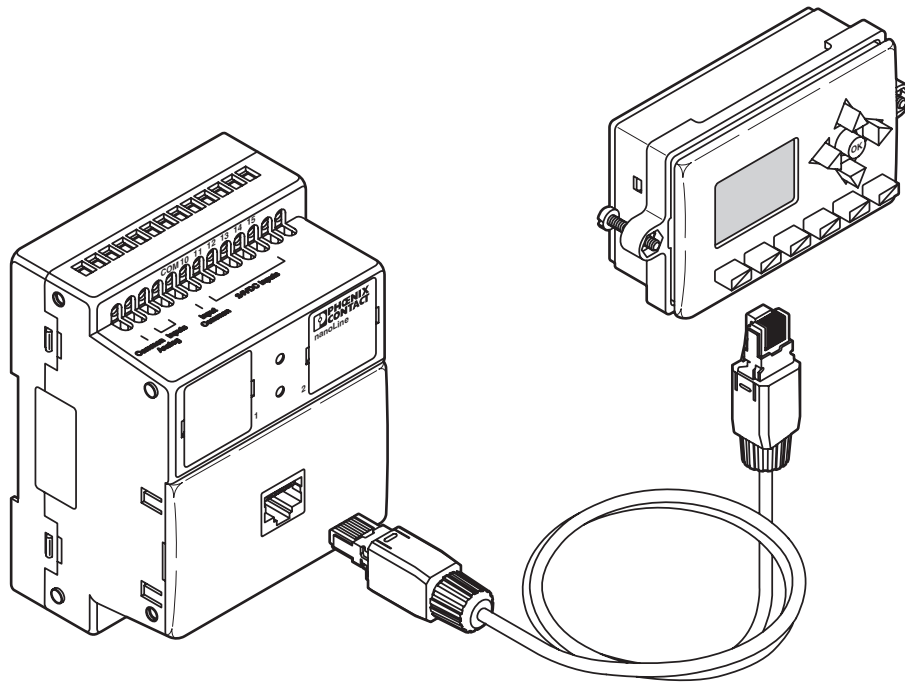
Environmental and real-life conditions

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

Mounting

| | |
|---------------|---|
| Mounting type | In logic module or with remote mounting kit |
|---------------|---|

Schematic diagram



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



2701137

<https://www.phoenixcontact.com/ie/products/2701137>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ie/products/2701137>



EAC

Approval ID: RU*DE*08.B.00529/19



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705

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2701137

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27242216 |
| ECLASS-13.0 | 27242216 |
| ECLASS-12.0 | 27242216 |

ETIM

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| ETIM 9.0 | EC001417 |
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UNSPSC

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| UNSPSC 21.0 | 39122300 |
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Environmental product compliance

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|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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