

# Communication module - nLC-COM-ENET-MB1 - 2701124

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Ethernet communication module. Allows the Nanoline controller to be connected to an Ethernet, operating as a Modbus TCP Server.

## Product description


Adds Ethernet connectivity (Modbus TCP Server functionality) to Nanoline controller. Attaches to left-side of base unit.

## Why buy this product

- Enables all I/O points, registers, timers, counters, program flags, and system flags to be read and written remotely
- Password control can limit access (read-only or read/write)
- Watchdog timer monitors communication, providing either a warning or fault
- Connects to an Ethernet network to function as a Modbus TCP client



## Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 252   |
| Catalog page           | Page 14 (AX-2011)   |
| GTIN                   | <br>4 046356 325295 |
| Custom tariff number   | 85176200  |
| Country of origin      | INDIA   |

## Technical data

### Interfaces

|                     |                               |
|---------------------|-------------------------------|
| Interface           | Ethernet 10/100Base T         |
| Connection method   | RJ45                          |
| Transmission speed  | 10/100 Mbps (autonegotiation) |
| Transmission length | 100 m                         |
| Signal LEDs         | LNK/ACT; Module; Network      |

### Supply

|                          |   |
|--------------------------|---|
| Power supply connection  | Screw connection                        |
| Supply voltage           | 24 V DC (Power available via base unit) |
| Max. current consumption | 180 mA (at 18 V DC)                     |

# Communication module - nLC-COM-ENET-MB1 - 2701124

## Technical data

### Supply

|                             |        |
|-----------------------------|--------|
| Typical current consumption | 110 mA |
|-----------------------------|--------|

### General data

|   |                  |
|---|------------------|
| Width                                   | 40 mm            |
| Height                                  | 103.5 mm         |
| Depth                                   | 43 mm            |
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -25 °C ... 60 °C |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C |
| Permissible humidity (operation)        | 90 %             |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27240101 |
| eCl@ss 4.1 | 27240101 |
| eCl@ss 5.0 | 27242216 |
| eCl@ss 5.1 | 27249290 |
| eCl@ss 6.0 | 27242216 |
| eCl@ss 7.0 | 27242216 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC001417 |
| ETIM 3.0 | EC001417 |
| ETIM 4.0 | EC002584 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

## Approvals

### Approvals

---

#### Approvals

UL Recognized / cUL Recognized / UL Listed / cUL Listed / cUL Listed

---

#### Ex Approvals

---

# Communication module - nLC-COM-ENET-MB1 - 2701124

## Approvals

Approvals submitted

### Approval details



## Drawings

### Dimensioned drawing

