

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

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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.

### Product Features

- 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 pc
Weight per Piece (excluding packing)	144.2 g
Custom tariff number	85176200
Country of origin	India

### Technical data

#### Note

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

Width	40 mm
Height	103.5 mm
Depth	43 mm

#### Ambient conditions

Degree of protection	IP20
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## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	90 %

### Interfaces

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

### Supply

Power supply connection	Screw connection
Supply voltage	24 V DC (Power available via logic module)
Max. current consumption	180 mA (at 18 V DC)
Typical current consumption	110 mA

## Classifications

### eCl@ss

eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27242216
eCl@ss 5.1	27242216
eCl@ss 6.0	27242216
eCl@ss 7.0	27242216
eCl@ss 8.0	27242216

### ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC001417
ETIM 5.0	EC001417

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404

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## Classifications

UNSPSC

UNSPSC 13.2	43201404
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## Approvals

Approvals

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Approvals

UL Listed / EAC

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Ex Approvals

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Approvals submitted

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## Approval details

UL Listed

EAC

## Drawings

Dimensional drawing

