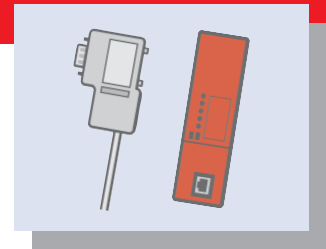


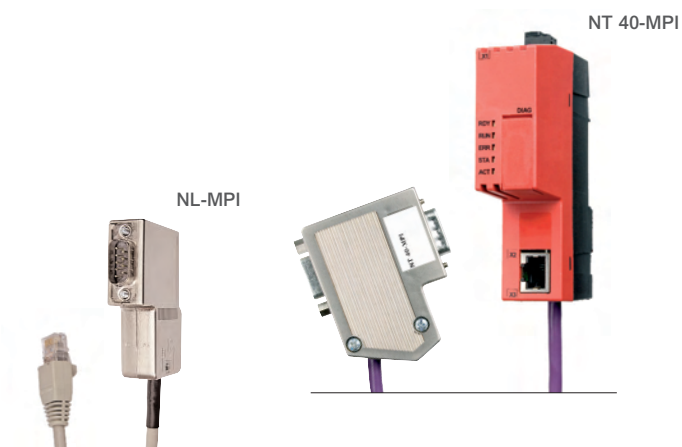
netLINK-MPI

netTAP-MPI



Compact Ethernet Gateway for PC to PLC connection

- Ethernet connection to S7-300/S7-400
- Simple to use
- Compact
- Low cost



With the emergence of the Ethernet technology into automation, there is now a requirement to connect fieldbus-capable devices to the Ethernet. Here, too, Gateway can be used, whereby in the meanwhile very compact solutions are possible with available System-On-Chip technology.

The netLINK-MPI

This is built into a DSub housing which was developed for accepting the PROFIBUS connecting cable. It consists of a MPI interface together with a 10/100 MBit/s Ethernet interface and is thus a complete Gateway. Because of its structure in the DSub housing, it can be plugged directly onto the MPI plug of the device and connects this via a 3 meter long Ethernet cable with a Switch, Hub or PC. The power supply is provided directly through the MPI plug.

The netTAP-MPI

In comparison to the netLINK-MPI has the netTAP-MPI the following advantages: more TCP/IP connections, mounting on DIN hat rail, PROFIBUS-connector with PG plug and more diagnostic LEDs.

netLINK-MPI

netTAP-MPI

Headquarters

Germany
Hilscher Gesellschaft für Systemautomation mbH
Rheinstrasse 15
65795 Hattersheim
Phone: +49 (0) 6190 9907-0
Fax: +49 (0) 6190 9907-50
E-Mail: info@hilscher.com
Web: www.hilscher.com

Subsidiaries

China
Hilscher Ges.f.Systemaut. mbH
Shanghai Representative Office
200010 Shanghai
Phone: +86 (0) 21-6355-5161
E-Mail: info@hilscher.cn

France
Hilscher France S.a.r.l.
69500 Bron
Phone: +33 (0) 4 72 37 98 40
E-Mail: info@hilscher.fr

Italy
Hilscher Italia srl
20090 Vimodrone (MI)
Phone: +39 02 25007068
E-Mail: info@hilscher.it

Japan
Hilscher Japan KK
Tokyo, 160-0022
Phone: +81 (0) 3-5362-0521
E-Mail: info@hilscher.jp

Switzerland
Hilscher Swiss GmbH
4500 Solothurn
Phone: +41 (0) 32 623 6633
E-Mail: info@hilscher.ch

Hilscher Swiss GmbH
Branch Office East Switzerland
Embedded Systems
9444 Diepoldsau
Phone: +41 (0) 71 737 7575
E-Mail: info@hilscher.ch

USA
Hilscher North America, Inc.
Lisle, IL 60532
Phone: +1 630-505-5301
E-Mail: info@hilscher.us

Distributors

Australia
Fieldbus Specialists
www.fieldbus.com.au

Austria
VIPA Elektronik-Systeme GmbH
www.elektronik-systeme.psoft.at

Belgium
TelereX N.V.
www.telereX-europe.com

Brazil
SoftBrasil Automacao Ltda.
www.softbrasil.com.br

Czech Republic
ZPA-Industry a.s.
www.zpaindustry.cz

Denmark
Novotek Denmark A/S
www.novotek.dk

Finland
Novotek Finland Oy
www.novotek.fi

France
HIGH'COM
www.highcom.fr

Korea
CREVIS Co.,LTD
www.crevis.co.kr

Netherlands
TelereX Nederland B.V.
www.telereX-europe.com

Norway
AD Elektronikk AS
www.ade.no

Poland
RAControls SP. z o.o.
www.racontrols.com.pl

Russia
ProSoft Ltd.
www.prosoft.ru

Singapore
Vector Info Tech Pte Ltd
www.vectorinfotech.com

South Africa
Innomatic
www.innomatic.co.za

Spain
Sistel Control s.l.
www.sistelcontrol.com

Sweden
Novotek Sverige AB
www.novotek.se

UK
Miles Industrial Electronics Ltd
www.milesie.co.uk

Technical Data

NL-MPI

Gateway Ethernet/PROFIBUS-MPI

PROFIBUS-MPI Communication

Type	Client
Data Transport	PROFIBUS-FDL telegrams
Connection	max. 1 MPI connection at a time
Access to	Data block, Bit memory, Peripheral data, Counter, Timer, State of OP-mode

Ethernet Communication

Data Transport	TCP/IP
Connection	max. 2 TCP connections at a time

PROFIBUS Interface

Controller	EC1 with ASPC2
Transmission Rate	9,6 kBit/s to 12 MBit/s
Interface	RS-485, non isolated
Connector	DSub male connector 9-pin

Ethernet Interface

Transmission Rate	10 / 100 MBit/s
Interface	10 BASE-T / 100 BASE-TX, isolated
Connector	RJ45 male connector

Display

RDY/RUN, LINK

Power Supply

Operating Voltage	24 V / 75 mA
Connection	via DSub male connector 9-pin

Operating Temperature

0 ... 50 °C

Dimensions

65 x 48 x 16 mm

International Protection Class

IP 20

Mounting

directly on MPI interface of device

Weight approx.

140 g (with cable)

CE Sign

Yes

NT 40-MPI

Gateway Ethernet/PROFIBUS-MPI

PROFIBUS-MPI Communication

Type	Client
Data Transport	PROFIBUS-FDL telegrams
Connection	max. 32 MPI connection at a time
Access to	Data block, Bit memory, Peripheral data, Counter, Timer, State of OP-mode

Ethernet Communication

Data Transport	TCP/IP
Connection	max. 6 TCP connections at a time

PROFIBUS Interface

Controller	EC1 with ASPC2
Transmission Rate	9,6 kBit/s to 12 MBit/s
Interface	RS-485, non isolated
Connector	DSub male connector 9-pin, with PG connection

Ethernet Interface

Transmission Rate	10 / 100 MBit/s
Interface	10 BASE-T / 100 BASE-TX, isolated
Connector	RJ45 female connector

Display

RDY, RUN, ERR, STA, ACT

Power Supply

Operating Voltage	18 ... 30 V / 100 mA at 24 V
Connection	Mini COMBICON 2-pin

Operating Temperature

0 ... 50 °C

Dimensions

65 x 25 x 100 mm

International Protection Class

IP 20

Mounting

on DIN rail 60715

Weight approx.

210 g (with cable)

CE Sign

Yes

Product Overview

NL-MPI

Gateway Ethernet/PROFIBUS-MPI

netLINK	Fieldbus System
NL-MPI	MPI
NL-MPI\X (Crossover)	MPI

NT 40-MPI

Gateway Ethernet/PROFIBUS-MPI

netTAP	Fieldbus System
NT 40-MPI	MPI

Related Products

NL-MPI

Gateway Ethernet/PROFIBUS-MPI

Article	Description
---------	-------------

Distribución: **ER-SOFT, S.A.** Email: er@er-soft.com, Tel: +34 916 408 408

NT 40-MPI

Gateway Ethernet/PROFIBUS-MPI

Article	Description
---------	-------------