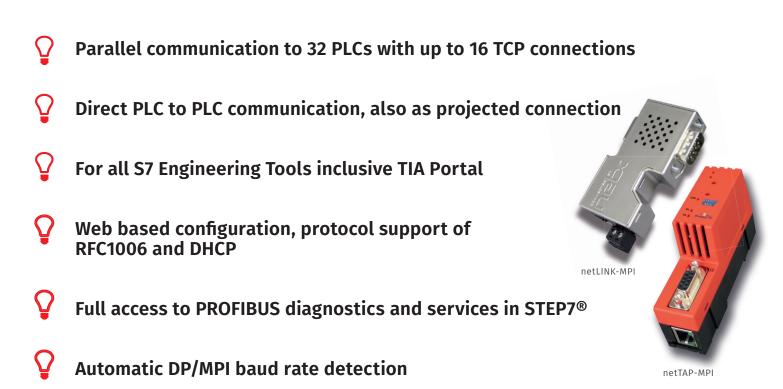
netLINK- / netTAP-MPI

Ethernet to MPI/DP/PPI Converter for SIMATIC S7®



Ethernet upgrade for S7-PLCs with MPI/DP/PPI port

As directly mountable or as firmly attachable DIN rail mountable device the adaptors netLINK- and netTAP-MPI are replacing expensive CP communications processors and allow the programming, visualization and control of S7-200[®], S7-300[®] or S7-400[®] PLCs over Ethernet.

The provided driver integrates into all well-known SIMATIC S7[®] engineering tools like STEP7[®] or TIA portal as PG/ PC programming interface. The device is setup within the engineering tool or with conventional web browsers over the integrated web configuration pages.

The adaptors are suitable to program or change S7-PLC control programs and may serve to engineer HMI devices with the visualization software WinCC. By supporting the "ISO on TCP" RFC1006 Ethernet protocol any third party or SIMATIC® visualization stations can be coupled to the PLC. Once integrated into the office or plant network and connected to the internet also remote maintenance and logging over a router is possible since plain TCP/IP protocol access mechanisms are used.

Organized in a network direct communication between two or several PLCs over Ethernet can be realized. Even a coupling of PLCs with no own Ethernet port is possible using two adapters in conjunction. Featuring full PROFIBUS diagnostics and Master Class 2 DPV1 services enables unrestricted DP Slave device configuration and parameterization in STEP7[®].

Power is supplied by a 24 V DC. If supported by the S7 PLC the netLINK-MPI adaptor may be powered over the DSUB9 connector alternatively and its extra feed-through DSUB9 connector allows the connection of further devices to the same MPI/DP network.



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PRODUCT INFORMATION TECHNICAL DATA

Technical Data: netLINK MPI	Technical Data: netTAP MPI
Operating Temperature	Operating Temperature
±0°C +55°C	±0°C +60°C
Power supply	Power supply
+18 +30 V / ca. 60 mA @ +24 V	+18 +30 V / ca. 130 mA @ +24 V
Dimensions (L x W x H)	Dimensions (L x W x H)
65 x 48 x 16 mm	100 x 52 x 70 mm
Supply	Supply
Mini-COMBICON 3,81mm 2-pole or S7 DSub-9 MPI/PROFIBUS	Mini-COMBICON 3,81mm 2-pole
Processor	Processor
netX 50	netX 50
Interfaces	Interfaces
Fast Ethernet 10/100 BASE-TX,	Fast Ethernet 10/100 BASE-TX,
MPI/PROFIBUS 12 MBaud IEC 61158	MPI/PROFIBUS 12 MBaud IEC 61158
LEDs	Display
SYS, COM, ACT, LNK	SYS, COM, ACT, LNK
Weight	Weight
ca. 40 g	ca. 150 g
Emission	Emission
CISPR 11 Classe A	CISPR 11 Classe A
Immunity	Immunity
EN 61131-2:2003	EN 61131-2:2003
Supoorted PLCs	Supoorted PLCs
SIMATIC S7® 200,300,400 CPU/CPs with MPI/PROFIBUS/PPI	SIMATIC S7® 200,300,400 CPU/CPs with MPI/PROFIBUS/PPI
Interface	Interface

Note: All technical data may be changed without further notice.

Article Overview	
NL 50-MPI 1701.430 netLINK-MPI, SIMATIC S7 Programming adaptor	
NT 50-MPI	

1758.111 | netTAP-MPI, SIMATIC S7 Programming adaptor DIN rail mountable

Hilscher News:

HEADQUARTERS

Germany Hilscher Gesellschaft für Systemautomation mbH Rheinstraße 15 65795 Hattersheim Phone: +49 (D) 6190 9907-0 Fax: +49 (D) 6190 9907-50 E-Mält: info@hilscher.com

Web: www.hilscher.com









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

France Hilscher France S.a.r.l. 69800 Saint Priest Phone: +33 (0) 4 72 37 98 40 E-Mail: info@hilscher.fr

China Hilscher Systemautomation (Shanghai) Co. Ltd. 200010 Shanghai Phone: +86 (0) 21-6355-5161 E-Mail: info@hilscher.cn

SUBSIDIARIES

China

Italu Hilscher Italia S.r.l. 20090 Vimodrone (MI) Phone: +39 02 25007068 E-Mail: info@hilscher.it

Hilscher India Pvt. Ltd. Pune, Mumbai Phone: +91- 8888 750 777 E-Mail: info@hilscher.in

India

Korea Hilscher Korea Inc. Seongnam, Gyeonggi, 463-400 Phone: +82 (0) 31-789-3715 E-Mail: info@hilscher.kr

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

Janan

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

11/2011 GB

DISTRIBUTORS More information at www.hilscher.com