

Features

- RFC 1006 (ISO on TCP)
- CPU-to-CPU communication (with S7-300* and S7-400*)
- Support for all common S7 engineering tools
- Dynamic address assignment using DHCP
- Security functions for securing TCP/IP access
- Switchable PLC write protection
- Up to 16 TCP connections
- Up to 32 MPI/PROFIBUS connections
- Easy configuration via web interface
- Variables can be monitored in a browser window
- Support for slave configuration
- Electrical isolation for MPI/PPI/PROFIBUS
- MPI/PPI/PROFIBUS from 9.6 kbps to 12 Mbps
- For S7-200*, S7-300*, S7-400*
- Power can be supplied by the CPU or, alternatively, by an external DC 24 V supply

NETLink®

The devices of the NETLink family serve the purpose of programming, configuring, and visualizing S7 PLCs.

In general, connection to each MPI/PROFIBUS terminal of the bus system or directly at the interfaces of active and passive participants is also possible. The PG socket integrated in the connector housing allows connection of additional devices.
The integrated web interface offers parameterization, diagnostic, and security features, and for functional enhancements, the user can use our free diagnostic software SHTools to, for example, automatically perform firmware updates. The latest version is available for download.

The NETLink PRO Compact is a communications processor in the plug format for programming, visualization, and remote maintenance. It combines flexibility and a compact design. Power is supplied to the NETL ink® either through the CPU of the automation device or externally with DC 24 V as an option. The network connection can be used with any standard Cat-5 cable, making cable lengths up to 100 meters feasible without additional components.

General information

Order number	700-884-MPI21
Article name	NETLink PRO Compact

Dimensions (DxWxH)	40 x 17 x 64 mm
Weight	Approx. 110 g
Supported operating systems	No limitation (driver for SIMATIC NETLink-S7-NET only Windows XP/2003R2/7/2008R2/8.1/2012 R2/10)

Communication interface

Number	1
Type	10 Base-T/100 Base-TX
	Auto MDI/MDIX
Protocol	FDL,RFC 1006
Connection	RJ45
Transmission rate	10/100 Mbps autom. detection

MPI/PPI/PROFIBUS interface

Number	1
Type	RS485, isolated
Connection	SUB-D male connector, 9-pin. with PG interface and repeater
Transmission rate	max. 12 Mbps autom. detection

Status indicator

LED	5 LEDs, 2 of them bi-color

Power supply

Voltage supply	24 V DC, 18–30 V DC
Current drawm	ax. 200 mA at DC 24 V

Ambient conditions

Ambient temperature	0 °C ... +60°C
Transport and storage temperature	-20 °C … +80 °C
Relative air humidity	95 % r H without condensation
Pollution degree	2
Protection rating	IP20
Approvals	CE

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