NETLink PRO PROFIBUS Ethernet gateway

NETLink PRO Compact

- 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

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.

Technical specifications

General information	
Order number	700-884-MPI21
Article name	NETLink PRO Compact
Scope of delivery	NETLink PRO Compact, Quick Start Guide, CD with software, and manual
Dimensions (DxWxH)	64 x 40 x 17 mm
Weight	Approx. 110 g
Supported operating systems	No limitation (the driver for SIMATIC NETLink-S7-NET only Windows XP, 2003R2, 7, 2008R2, 8.1, 2012R2, 10)
Communication interface	
Number	1
Type	10 Base-T 100 Base-TX
Transmission rate	10/100 Mbps autom. detection
Physical layer	Ethernet
Protocol	FDL, RFC 1006
Connection	RJ45

MPI/PPI/PROFIBUS interface	
Number	1
Type	RS485, isolated
Transmission rate	max. 12 Mbps autom. detection
Connection	SUB-D male connector, 9-pin. with PG interface and repeater
Status indicator	5 LEDs, 2 of them bi-color
Voltage supply	24 V DC, 18–30 V DC
Current draw	Max. 200 mA with 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
Certifications	CE
CE	
RoHS	Yes
REACH	Yes