



NETLink USB Compact

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- Support for all common S7 engineering tools
- Up to 32 MPI/PROFIBUS connections
- Support for slave configuration
- Electrical isolation for MPI/PPI/PROFIBUS
- MPI/PPI/PROFIBUS from 9.6 kbps to 12 Mbps
- USB 2.0 with speeds of up to 480 Mbps (high-speed)
- Does not require a separate power supply
- Comes with PG socket as standard
- For S7-200*, S7-300*, S7-400*

The PG socket integrated in the housing allows connection of additional devices. The connection to the PC is established with the 3 m high-speed USB cable. The NETLink USB Compact is supplied with voltage by the USB bus; on the USB side, the full-speed (12 Mbps) and high-speed (480 Mbps) protocols are supported. The NETLink USB Compact enables the implementation of a USB interface to the MPI/PROFIBUS for programming or visualization, with the full transmission rate of up to 12 Mbps and a maximum of 32 simultaneously opened connection channels. The transmission rate is detected automatically, and passive bus participants can also be addressed in single-master operation. The supplied driver automatically integrates with the S7 Engineering Tools. In addition, the MPI/PPI/PROFIBUS is electrically isolated from the USB interface (function separation). SHTools is included as configuration and diagnostics software. This means that a firmware update can be performed automatically at any time for function extensions. The latest version is available for download at no charge.

Technical specifications

General information	
Order number	700-892-MPI21
Article name	NETLink USB Compact
Scope of delivery	NETLink USB Compact , Quick Start Guide, CD with software, and manual
Dimensions (DxWxH)	64 x 40 x 17 mm
Weight	Approx. 115 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	USB 2.0
Transmission rate	12 Mbps full-speed/480 Mbps high-speed
Protocol	FDL, tunneled
Connection	USB A socket
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
Status indicator	2 LEDs, including a three-color LED for general status information
Voltage supply	DC 5 V USB
Current draw	Typ. 200 mA with DC 5 V USB
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