

NETLink PRO

Intelligent adapters for communication with S7 controllers

NETLink PRO offers a fast and easy connection to Siemens S7* controllers. It supports programming, configuration and visualization applications, such as STEP7*, WinCC, OPC servers, etc., to benefit from a robust and cost-effective access to up to 12 automation devices simultaneously.

ONE ADAPTER FOR ALL CONTROLLERS

Softing NETLink PRO is a family of communication and programming adapters for conveniently connecting a computer to S7-200, -300 and -400 controllers. Due to its compatibility with Siemens STEP7, WinCC and WinCC flexible, the NETLink PRO family is a robust and cost-effective alternative to conventional programming adapters or communications processors (CP).

NETLINK PRO/ETH - ETHERNET ACCESS TO S7 CONTROLLERS

NETLink PRO/ETH has a 10/100 Mbit Ethernet interface and integrates into any TCP network structure. This communication adapter is able to maintain up-to 7 Ethernet connections simultaneously. The adapter connects to the PLC via MPI, PROFIBUS or PPI. The current bus settings are detected automatically. The connecting cable of NETLink PRO/ETH is designed as an active line for interference-free connection to MPI, PROFIBUS or PPI. The adapter also supports S7 communication via RFC 1006 (ISO on TCP), which allows replacing communications processors (e.g. CP343-1) with NETLink PRO.

NETLINK PRO/USB - THE VERSION FOR MOBILE COMPUTERS

NETLink PRO / USB is the ideal solution for mobile applications. With its USB 2.0 compatible interface, it connects to practically any PC. The USB adapters support USB 1.1 with 12 Mbit/s and USB 2.0 with 480 Mbit/s.

In combination with the Softing S7/S5 OPC Server, the NETLink PRO family provides ideal access for your visualization or MES system.

CUSTOMER BENEFITS

- > Robust hardware in compact housing, DIN rail mountable
- > Gain remote access to Siemens PLC's via Ethernet
- > Seamless integration into Siemens STEP7, WinCC, and any OPC client application



TECHNICAL DATA**NETLINK PRO/ETH****NETLINK PRO/USB**

| | | |
|---|---|--|
| Hardware requirements | Ethernet interface and TCP/IP protocol | USB interface |
| S7 connection | Active line with 9-pin D-sub connector and bus termination | Active line with 9-pin D-sub connector and bus termination |
| PC connection | RJ45 | USB type B and USB cable A-B |
| Supported controllers | S7-200, S7-300, S7-400 | S7-200, S7-300, S7-400 |
| Supported bus systems | PROFIBUS, MPI, PPI | PROFIBUS, MPI, PPI |
| Communication type | Ethernet 100BASE-TX/10BASE-T | USB versions 1.1 and 2.0 |
| Supported transfer rates of bus connection to PLC | 9.6 Kbit/s to 12 Mbit/s with automatic detection | 9.6 Kbit/s to 12 Mbit/s with automatic detection |
| Supported transfer rates to PC | 10/100 Mbit/s with automatic detection | Full speed (12 Mbit/s), high speed (480 Mbit/s) with automatic detection |
| Simultaneous connections | 7 TCP/IP, 12 MPI/PROFIBUS connections | 1 USB, 12 MPI/PROFIBUS connections |
| Power supply | 24 V ± 25%, max. 150 mA, external or from controller | 5 V from USB, typ. 2 W, alternatively 24 V ± 25%, max. 150 mA, external or from controller |
| Galvanic isolation | yes | yes |
| Temperature range | Operation: 0° C ... +60° C Storage: -20° C ... +70° C | Operation: 0° C ... +60° C Storage: -20° C ... +70° C |
| Housing, dimensions in mm | Metallized ABS 54 x 30 x 105 (W x H x D) | Aluminium 55 x 25 x 100 (W x H x D) |
| Weight | approx. 250 g | approx. 250 g |
| Approvals | CE | CE |
| Protection class | IP 20 | IP 20 |
| Supported software | Softing S7/S5 OPC Server Siemens STEP7, WinCC, WinCC flexible, ProTool | Softing S7/S5 OPC Server Siemens STEP7, WinCC, WinCC flexible, ProTool |
| System requirements | PC/PG with Windows 2000, XP, 2003, Vista | PC/PG with Windows 2000, XP, 2003, Vista |
| Delivery scope | NETLink PRO/ETH Ethernet cable (3 m, straight) Installation manual CD with Windows drivers | NETLink PRO/USB USB cable 3 m Installation manual CD with Windows drivers |

ORDER NUMBER

NETLINK-PRO-ETH

NETLINK-PRO-USB

ADDITIONAL PRODUCTS AND SERVICES

Softing S7/S5 OPC Server

Softing S7/S5 OPC Server

Softing is a world-leading provider of industrial communication solutions and products designed around the needs of process and production automation. With our interdisciplinary approach and our many years of experience, we offer effective solutions to meet even the most complex requirements.

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