



## NETLink<sup>®</sup>

### NETLink<sup>®</sup> PRO Compact, PROFIBUS Ethernet gateway

- 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<sup>®</sup> 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 NETLink<sup>®</sup> 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 <sup>®</sup> PRO Compact   |
| Scope of delivery          | NETLink <sup>®</sup> PRO Compact, 3m Ethernet cable, Quick Start Guide, CD with software, and manual |
| Dimensions (DxWxH)         | 64 x 40 x 17 mm  |
| Weight                     | Approx. 110 g  |
| Communication interface    |  |
| Number                     | 1  |
| Type                       | 10 Base-T<br>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                                    |
| <b>Ambient conditions</b>         |   |
| 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  |
| <b>CE</b>                         |   |
| RoHS                              | Yes   |
| REACH                             | Yes   |