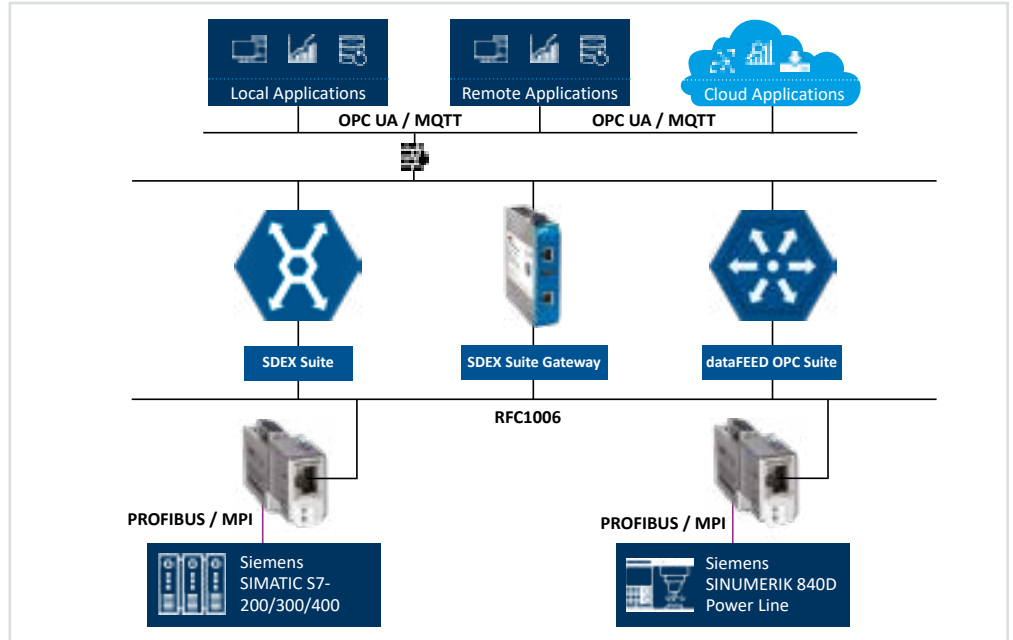


# ACCON-NETLink-PRO Compact

Compact PROFIBUS/MPI Adapter for Ethernet Connection of SIMATIC S7 Controllers

- Integration of S7-200, S7-300 and S7-400 into Ethernet Architectures
- PLC Programming and Communication via Interface
- Integration into Product Management and Visualization Applications



## Integration of S7-200, S7-300 and S7-400 into 10/100 Mbit Ethernet Networks

- Direct communication with one or several controllers in any kind of TCP network structure
- Support of up to 16 TCP simultaneous connections
- Use of standard TCP/IP for communication within plant or company networks and with the Internet
- Expansion of participants using MPI or PROFIBUS via pass-through PG port
- Interference-free integration into existing control systems
- Power supply directly from controller or via external power supply
- Cost-effective solution alternative

## Programming Adapter Supporting all Relevant S7 Engineering Tools

- Interface for programming controllers via Ethernet
- Compatibility with STEP7, TIA-Portal, WinCC and WinCC flexible
- Display and configuration of the adapter in STEP7 or TIA portal

## Application Integration through RFC1006 and OPC UA

- Connection to HMI station and PLC directly via RFC1006 Ethernet protocol
- Support of OPC and OPC UA by using dataFEED OPC Suite for integration into higher-level systems, e.g. for production management

# ACCON-NETLink-PRO Compact

## Technical Data

|                            |                                 |                                                                                                            |
|----------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>General Information</b> | Supported Controllers           | Siemens SIMATIC S7-200, S7-300, and S7-400                                                                 |
|                            | Housing, Dimensions (W x H x D) | 40 x 17 x 64 mm                                                                                            |
|                            | Weight                          | Approx. 110 g                                                                                              |
|                            | System Requirements             | No limitation (the driver for SIMATIC NETLink-S7-NET only Windows XP, 7, 8.1, 10, 2K3 R2, 2K8 R2, 2K12 R2) |
|                            | Configuration Software          | Web configuration                                                                                          |

|                                   |                                 |                                                   |
|-----------------------------------|---------------------------------|---------------------------------------------------|
| <b>PC Communication Interface</b> | Number                          | 1                                                 |
|                                   | Type                            | Ethernet 10 Base-T, Ethernet 100 Base-TX          |
|                                   | Connection                      | RJ45                                              |
|                                   | Supported Transfer Rates to PLC | 9.6 KBit/s ... 12 MBit/s with automatic detection |
|                                   | Supported Transfer Rates to PC  | 10/100 Mbps autom. detection                      |
|                                   | Supported Bus Systems           | PROFIBUS, MPI                                     |
|                                   | Simultaneous Connections        | 16 TCP/IP connections                             |

|                                             |                          |                                                             |
|---------------------------------------------|--------------------------|-------------------------------------------------------------|
| <b>MPI/PROFIBUS Communication Interface</b> | Number                   | 1                                                           |
|                                             | Type                     | RS485, isolated                                             |
|                                             | Connection               | SUB-D male connector, 9-pin. with PG interface and repeater |
|                                             | Transmission Rate        | Max. 12 Mbps                                                |
|                                             | Status Indicator         | 5 LEDs, 2 of them bicolor                                   |
|                                             | Voltage Supply           | 24 VDC, 18–30 V DC                                          |
|                                             | Current Draw             | Max. 200 mA with 24 VDC                                     |
|                                             | Simultaneous Connections | 32 MPI / PROFIBUS connections                               |

|                           |                                 |                             |
|---------------------------|---------------------------------|-----------------------------|
| <b>Ambient conditions</b> | Ambient Temperature             | 0 °C ... +60°C              |
|                           | Transport & Storage Temperature | -20 °C ... +80 °C           |
|                           | Relative Air Humidity           | 95% RH without condensation |
|                           | Pollution Degree                | 2                           |
|                           | Protection rating               | IP20                        |
|                           | Approvals                       | CE                          |

|           |       |     |
|-----------|-------|-----|
| <b>CE</b> | RoHS  | Yes |
|           | REACH | Yes |

## Scope of Delivery

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Hardware      | ACCON-NetLink-PRO compact gateway                                   |
| Documentation | Download (see below): Product handbook and configuration tutorials. |

## Order Numbers

|            |                           |
|------------|---------------------------|
| 161701-PRO | ACCON-NetLink-PRO compact |
|------------|---------------------------|

## Additional Products and Services

|               |                                      |
|---------------|--------------------------------------|
| 700-5596-04   | AC Adapter, 24 VDC, Euro, UK, or USA |
| GAA-DX-145111 | uaGate SI                            |
| GAA-YX-145144 | uaGate 840D                          |

Your local Softing contact:

<https://industrial.softing.com>

optimize!  
**softing**