

Accessories PLC-ANALYZER pro / BLACKBOX

Highspeed USB - S7 Adapter

Part-No. ANA1600E



The **Highspeed USB - S7 Adapter** is a flexible alternative to all MPI/PROFIBUS CPs.

It is plugged to the S7-CPU directly and connected via USB-cable (3m) with a PC. Power supply of the cable via USB port. The adapter allows the full transmission speed of 12 Mbps and features automatic baudrate detection. The PG female connector is looped through, so more devices can be connected. Up to 32 simultaneous connections are possible.

The software supports configuration and diagnosis.

Features:

- MPI/PPI/PROFIBUS (9,6 kbps .. 12 Mbps), automatic baudrate detection
- Supports all common S7 Engineering Tools
- USB 2.0 up to 480 Mbps (Highspeed)
- For S7-200, S7-300, S7-400
- 32 connections on MPI/PROFIBUS
- Power Supply via USB
- Electrical isolation between USB und MPI/PPI/PROFIBUS
- PG female connector looped through
- Firmware updates by softwaretool possible (always up to date)

Technical data:

- Interfaces:
 - ⇒ S7: PPI/MPI/PROFIBUS-plug (9-pol. Sub-D, RS485, isolated)
 - ⇒ PC/PG: USB 2.0, type. A, cable length 3 m
- Operating temperature range: 0 .. 60°C
- Protocol: FDL
- Power supply: 5 VDC / 200 mA (via USB)
- Dimensions 102 x 54 x 30 mm, weight ca. 180 g, safety class IP 20

S7 LAN (Ethernet gateway for MPI/PPI and PROFIBUS)

Part-No. ANA1650E



S7 LAN = smallest ethernet-gateway with PD-socket, multifunctional, one adapter for all PPI, MPI and PROFIBUS applications.

Features:

- Automatic protocol- and baud rate detection
- PPI-/MPI adapter for S7-200 / S7-300 / S7-400
- Applicable with original SIMATIC programming software
- Power supply from the S7-PLC or 24 VDC
- Network configuration (IP address...) free adjustable
- VPN remote maintenance possible (for the maintenance of the PLC via Internet)
- With full PD – diagnosis socket
- Firmware update via internet for free
- CE/EMC compliant construction

Technical data:

- Dimensions 65 x 43 x 17 mm (ABS-plastic case)
- Operating temperature range: 5 ~ 55°C
- Interfaces:
 - to PLC: PPI/MPI/PROFIBUS-interface (9,6 kbps .. 12 Mbps)
 - to PD/PC: 10/100 BaseTX RJ45- ethernet jack
- Electrical isolation: 1500 V PPI/MPI/PROFIBUS to PC
- Power supply: 24 V/DC +/- 20%
- Power consumption: 2 watt



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USB-Connection PC - SIMATIC S5

Part-No. ANA1530E



The **USB-Connection PC - SIMATIC S5** connects the PC via USB-interface to the programming interface of a SIMATIC S5. PC connection via USB and SIMATIC S5 via 15-pin Sub-D-male connector. Power supply of the cable via USB port. Driver software (Win 2000 / XP / Vista / 7) is included.

Standard length 3 m. Special length available on request.

S5 LAN (Ethernet Gateway for S5 programming interface)

Art.-Nr. ANA1540E



S5 Ethernet connection without expensive communication-processor.

Features:

- Fastest installation to the network of every SIMATIC S5
- Reading and writing of S5-data (E, A, M, DB, Z, T) via TCP/IP
- Programming with STEP 5 via Ethernet
- Simultaneous programming and visualisation possible (integrated multiplexer function)
- Power supply from the S5-PLC or ext. 24 V connection
- DHCP / Auto-IP supported
- Driver-DLL for windows available, EXCEL und WORD can read/write S5-data
- Compatible with VIPA S5-TCP/IP driver
- Direct operation with WinCC via TCP/IP driver S5 Layer4 possible
- With WinCC Flexible (e. g. MP377, TPTP177B) via S7-TCP/IP to the SIMATIC S5 (CP-343-1 compatible)
- Data exchange between S5 - S5 and S5 - S7 via TCP/IP
- RK 512 and TCP/IP H1-ISO-On-TCP RFC1006 (CP1430 TCP) supported
- Versions: 3964R-LAN, ASCII-LAN, PG-LAN, as RS232-version and for MUX757

Technical data:

- Power supply: 24 V/DC +/- 20%
- Power consumption: 2 Watt
- Display: status-LED
- Handling/Configuration:
 - ⇒ reset-switch-key (factory setting)
 - ⇒ S5-LAN Manager
- Interfaces:
 - ⇒ to PLC: TTY/20 mA current loop (S5-LAN passivPLC aktiv)
 - ⇒ to PD/PC: 10/100 BaseTX RJ45-ethernt jack
- Operating temperature range: 5 ~ 55°C
- Case: ABS-plastic case
- Dimensions: 42 x 15 x 65 mm

PG-Port Multiplexer for SIMATIC S5

Part-No. MUX1000E



The **PG-Port Multiplexer** permits simultaneous, parallel connection of two devices to the programming interface of a SIMATIC S5. You can connect programming devices, text displays, operating units and other process devices.

The Multiplexer can be used for rough service operation (proof metal housing) as well as for installation in a switch cabinet.

Supply voltage is 230 VAC or 24 VDC.

All PG functions can be performed simultaneously, except for safety reasons "Edit command".

The connector mechanism and pin assignment are compatible with the S5 programming interface so that standard cables can be used. No special adapter necessary.

AG.



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