

Part-No.	Description	Price €
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## PLC-ANALYZER pro 6

Easy optimization, diagnosis and maintenance

ANA6000E	<b>PLC-ANALYZER pro 6 - base module</b> .....1.275,00 Software logic-analyzer for fault diagnosis, optimization, analysis and long-term recording for different PLC-systems, Microsoft® Windows 7/8/10 (32/64-Bit). In addition to the base module at least one PLC-driver is necessary. USB-LicenseKey Dongle, Manual, multi language (English/German)
ANA6000ZE	Additional license for an additional workplace (same as ANA6000E) .....965,00
ANA6240E	PLC-driver <b>Siemens SIMATIC S7<sup>1</sup></b> - Ethernet TCP/IP / PROFINET, cycle precise <sup>2</sup> .....635,00
ANA6240ZE	Additional license for an additional workplace (same as ANA6240E) .....475,00
ANA6230E	PLC-driver <b>Siemens SIMATIC S7<sup>1</sup></b> - MPI/PPI + PROFIBUS, cycle precise <sup>2</sup> .....635,00
ANA6230ZE	Additional license for an additional workplace (same as ANA6230E) .....475,00
ANA6340E	PLC-driver <b>Siemens SIMATIC S5 / SINUMERIK</b> - PG-Interface, cycle precise <sup>2</sup> / Ethernet TCP/IP .....635,00
ANA6340ZE	Additional license for an additional workplace (same as ANA6340E) .....475,00
ANA6310E	PLC-driver <b>Siemens LOGO!</b> - PG-Interface / Ethernet TCP/IP .....445,00
ANA6310ZE	Additional license for an additional workplace (same as ANA6310E) .....340,00
ANA6260E	PLC-driver <b>Siemens SIMOTION C/P/D</b> - MPI/PROFIBUS/Ethernet TCP/IP, servo-cycle precise .....695,00
ANA6260ZE	Additional license for an additional workplace (same as ANA6260E) .....545,00
ANA6270E	PLC-driver <b>CoDeSys</b> - Ethernet TCP/IP .....695,00
ANA6270ZE	Additional license for an additional workplace (same as ANA6270E) .....545,00
ANA6500E	PLC-driver <b>BECKHOFF TwinCAT</b> - Recording of TwinCAT-variables .....695,00
ANA6500ZE	Additional license for an additional workplace (same as ANA6500E) .....545,00
ANA6280E	<b>OPC UA Driver</b> - Recording of data from OPC UA servers .....695,00
ANA6280ZE	Additional license for an additional workplace (same as ANA6280E) .....545,00
ANA6140E	PLC-driver <b>B&amp;R</b> - serial / Ethernet TCP/IP .....635,00
ANA6140ZE	Additional license for an additional workplace (same as ANA6140E) .....475,00
ANA6750E	PLC-driver <b>PILZ PSS / PNOZ</b> - programming interface .....635,00
ANA6750ZE	Additional license for an additional workplace (same as ANA6750E) .....475,00
ANA6780E	PLC-driver <b>PILZ PSS / PNOZ</b> - Ethernet TCP/IP .....695,00
ANA6780ZE	Additional license for an additional workplace (same as ANA6780E) .....545,00
ANA6610E	PLC-driver <b>Allen-Bradley ControlLogix / PLC / SLC</b> - DF1, DH+, DH-485 .....635,00
ANA6610ZE	Additional license for an additional workplace (same as ANA6610E) .....475,00
ANA6640E	PLC-driver <b>Allen-Bradley Compact/ControlLogix / PLC / SLC</b> - Ethernet TCP/IP .....635,00
ANA6640ZE	Additional license for an additional workplace (same as ANA6640E) .....475,00
ANA6180E	PLC-driver <b>PHOENIX</b> - Ethernet TCP/IP, cycle precise <sup>2</sup> .....695,00
ANA6180ZE	Additional license for an additional workplace (same as ANA6180E) .....545,00
ANA6910E	PLC-driver <b>BOSCH CL</b> - programming interface (BUEP19E) .....635,00
ANA6910ZE	Additional license for an additional workplace (same as ANA6910E) .....475,00
ANA6130E	PLC-driver <b>GE Fanuc Series 90 / VersaMax / Nano / Micro</b> - programming interface (SNP) .....445,00
ANA6130ZE	Additional license for an additional workplace (same as ANA6130E) .....340,00
ANA6135E	PLC-driver <b>GE Fanuc CNC / PMC</b> - Ethernet TCP/IP / HSSB .....635,00
ANA6135ZE	Additional license for an additional workplace (same as ANA6135E) .....475,00
ANA6136E	PLC-driver <b>Fanuc R-30i / R-J3i</b> - Ethernet TCP/IP .....635,00
ANA6136ZE	Additional license for an additional workplace (same as ANA6136E) .....475,00
ANA6170E	PLC-driver <b>OMRON C / CV / CS1 / NJ / NX / NY / CJ2</b> - progr. interface (Host Link) / Ethernet TCP/IP .....695,00
ANA5170ZE	Additional license for an additional workplace (same as ANA6170E) .....545,00
ANA6711E	PLC-driver <b>MITSUBISHI MELSEC Q / L / A / FX</b> - programming interface .....445,00
ANA6711ZE	Additional license for an additional workplace (same as ANA6711E) .....340,00
ANA6740E	PLC-driver <b>MITSUBISHI MELSEC Q / L / A / FX</b> - Ethernet TCP/IP .....695,00
ANA6740ZE	Additional license for an additional workplace (same as ANA6740E) .....545,00

<sup>1</sup> TIA compatible, also suitable for SIMATIC C7, M7, SINUMERIK (S7), SAIA xx7, VIPA S7, S7-PLCSIM <sup>2</sup> depending on PLC type

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ANA6410E	PLC-driver <b>Schneider Modicon TSX Quantum / Momentum / Compact</b> - Modbus I / Modbus+ .....635,00	
ANA6410ZE	Additional license for an additional workplace (same as ANA6410E) .....475,00	
ANA6440E	PLC-driver <b>Schneider Modicon TSX Quantum / Momentum / Compact / M</b> - Modbus TCP/IP .....695,00	
ANA6440ZE	Additional license for an additional workplace (same as ANA6440E) .....545,00	
ANA6470E	PLC-driver <b>Schneider Modicon TSX Premium / Atrium / Micro / Nano</b> - TCP/IP / Uni-Telway .....445,00	
ANA6470ZE	Additional license for an additional workplace (same as ANA6470E) .....340,00	
ANA6430E	PLC-driver <b>Schneider AEG TSX A250 / A120 / Micro</b> - programming interface (KS).....445,00	
ANA6430ZE	Additional license for an additional workplace (same as ANA6430E) .....340,00	
ANA6120E	PLC-driver <b>Selectron</b> - Ethernet TCP/IP .....695,00	
ANA6120ZE	Additional license for an additional workplace (same as ANA6120E) .....545,00	
ANA6790E	PLC-driver <b>Jetter JetControl / Delta / Nano</b> - Serial / Jetway / PC-PPLC / Ethernet TCP/IP .....635,00	
ANA6790ZE	Additional license for an additional workplace (same as ANA6790E) .....475,00	
ANA6730E	PLC-driver <b>HITACHI H / EH-150 / Micro-EH</b> - programming interface / Ethernet TCP/IP.....635,00	
ANA6730ZE	Additional license for an additional workplace (same as ANA6730E) .....475,00	
ANA6600E	<b>Video track module</b> for PLC-ANALYZER pro 6 - Bundle .....749,00 Software connection for IP / GigE Vision / USB cameras and video track in PLC-ANALYZER pro 6. Bundle incl. USB camera: Full HD resolution 1.920 x 1.080 pixels, autofocus and manual focus, USB, pan/tilt/zoom function, universal mounting bracket	
ANA6650E	<b>Video track module</b> for PLC-ANALYZER pro 6 .....635,00 Software connection for all common types of IP / GigE Vision / USB cameras and video track in PLC-ANALYZER pro 6	
ANA6510E	<b>AD_USB-Box®</b> for PLC-ANALYZER pro - Bundle .....749,00 Hardware for recording up to 8 analog and 20 digital external measured values, ready for installation for each PC with USB port, inclusive Expansion Unit, cable connection and software	
ANA6525E	<b>4 - 20 mA Current Loop Converter ET420</b> for 4 channels .....95,00 Hardware extension for transforming four 4-20 mA signals to four independent 1-5 VDC outputs. The board provides individually protected 24 VDC power supply for each current loop. Simple, straightforward wiring and mounting	
ANA6050E	<b>Rent license</b> PLC-ANALYZER pro 6 .....please call ☎ Base module PLC-ANALYZER pro with a PLC driver of your choice	
ANA6UxxE	<b>UPGRADE</b> to PLC-ANALYZER pro 6 .....please call ☎ from a previous version	

☞ The purchase and use of additional licenses require the presence of the primary license. Delivery will be made for an existing USB-LicenseKey Dongle

## PLC-ANALYZER pro 5

ANA5xxxE	<b>PLC-ANALYZER pro 5</b> .....please call ☎ base module PLC-ANALYZER pro 5 / PLC-driver version 5
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## BLACKBOX 3 for PLC-ANALYZER pro 6

PLC long-term recording - compact and incorruptible

ANA9610E	<b>BLACKBOX 3 - Bundle SIMATIC S7 - Ethernet TCP/IP / PROFINET</b> .....3.970,00 Ultra compact fanless Mini-PC for long-term process data recording and remote service; plug for 9 - 30 VDC power supply, ext. power supply 100 - 240 VAC, LAN patch cable (3 m) for remote-service via PC, remote PWR plug, LIFE-INDICATOR plug, DIN rail mounting adapter, Windows 10 pro (64-Bit) (multi-language), including BLACKBOX-License PLC-ANALYZER pro 6 with PLC-driver Siemens SIMATIC S7 - Ethernet TCP/IP / PROFINET software installed and ready for operation, 12 month warranty
ANA9615E	<b>BLACKBOX 3 - Bundle SIMATIC S7 - MPI / PROFIBUS</b> .....4.335,00 same as ANA9610E, but with alternative PLC coupling Highspeed USB - S7 adapter and alternative PLC-driver Siemens SIMATIC S7 - MPI/PPI/PROFIBUS
	➔ BLACKBOX configurations for other PLC systems on request
UPS24MFE	<b>Special-UPS 24 V DC (maintenance free) for BLACKBOX 3</b> .....349,00 Protection against voltage drop for BLACKBOX and controlled shutdown in case of longer lasting power supply failure. Automatic start of the BLACKBOX on recovery of the power supply, mounting on 35 mm DIN rail, input 24 V DC (22 ~ 29 V), output 24 V DC, incl. software and USB cable, configured ready-to-run when ordered with BLACKBOX 3
LTE1000E	<b>LTE-Modem for BLACKBOX 3</b> .....279,00 Mini PCIe module with all frequency bands EMEA-Region Operating modes: LTE/HSPA+/HSPA/UMTS/EGDE/GPRS/GSM with GSM-UMTS-LTE folding antenna, SMA connector; incl. assembling, software installation and configuration
WIF1010E	<b>WLAN-AC USB Nano Adapter for BLACKBOX 3</b> .....38,00 IEEE 802.11 ac/n/g/a, 2,4 GHz and 5 GHz, WPA/WPA2, Wi-Fi Protected Setup (WPS) Push-Button for fast connection to WLAN network

## Accessories for PLC-ANALYZER pro 6 / BLACKBOX 3

ANA1600E	<b>Highspeed USB - S7 Adapter</b> .....379,00 Flexible alternative to all MPI/PROFIBUS CPs. For S7-200, S7-300, S7-400. Support for all common SIMATIC Engineering Tools. Connected directly to S7-CPU and via USB-cable (plug type A) with a PC/PG. MPI/PPI/PROFIBUS up to 12 Mbps, automatic baud rate detection, USB 2.0 up to 480 Mbps (Highspeed), power supply via USB, electrical isolation, PG female connector looped through, incl. driver software and configuration tool, length 3 m
ANA1650E	<b>S7 LAN (Ethernet gateway for MPI/PPI and PROFIBUS)</b> .....399,00 S7 Ethernet-connection without expensive communication-processor. MPI/PPI/PROFIBUS-connection to S7-200, S7-300, S7-400 - 10/100 Base TX RJ45- ethernet plug, S7-sided 9,6 kBaud .. 12 MBaud, electrical isolation, power supply from the S7-PLC or ext. 24 V connection, PG female connector looped through, incl. driver software
ANA1530E	<b>USB-Connection PC - SIMATIC S5</b> .....125,00 Programming cable for connecting a SIMATIC S5 via USB interface. USB male Type A for PC, incl. driver software, cable length 3m, special length available on request
ANA1540E	<b>S5 LAN (Ethernet gateway for S5 programming interface)</b> .....390,00 S5 Ethernet-connection without expensive communication-processor. Connect one to programming-interface S5 and the other end (RJ45-plug) to 10/100 MBit Ethernet TCP/IP, virtual COM-port on PC-site by supplied driver software PLC-(Multi)VCOM
ANA1555E	<b>USB Schneider Modbus+ coupling (TSXCUSBMBP)</b> .....1.259,00 for connecting a PC / Notebook to Modbus+ via USB interface

➔ Other PLC connections / interface-cables on request.

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## PROFIBUS-Tester V5

Test of bus physics, communication and cabling with one device: „All-in-one“

APT5000E	<b>PROFIBUS-Tester V5</b> .....3.980,00 Test of bus physics & communication with only one device: "All-in-one" incl. cable test. For installation, commissioning, inspection, troubleshooting and service. Complete service package in a practical aluminium case: PROFIBUS-Tester V5 with built-in three-cell lithium-ion battery, wide-range power supply for Europe and USA, D-Sub PROFIBUS adapter cable, USB cable 3m, terminal block for trigger input/output, PC-software "PROFIBUS-Diagnostics Suite" on CD, user manual, "getting started" guide, 24 month warranty	3.980,00
APT5005E	<b>PROFIBUS-Tester V5 with Oscilloscope-Function</b> .....4.250,00 same as APT5000E, but incl. license for oscilloscope-function	4.250,00
APT5030E	<b>License Oscilloscope-Function</b> for PROFIBUS-Tester V5.....350,00 Functional extension for PROFIBUS-Tester V5. Signal display like oscilloscope in stand-alone mode without a PC. License is bound to serial number of the device. When ordering, please specify serial number and if applicable the existing license key of a PA option.	350,00
APT5010E	<b>PROFIBUS-PA Adapter</b> .....490,00 enables the measurement of PROFIBUS-PA networks with PROFIBUS-Tester V5	490,00
APT5020E	<b>Reaction optimized PROFIBUS D-Sub adapter cable</b> .....125,00 especially for measurement during operation	125,00
APT5050E	<b>Adapterset for M12- connection technology</b> .....145,00 connecting field devices with M12-connectors, incl. terminating resistor	145,00
APT5070E	<b>Digital Leakage Current Clamp</b> .....380,00 Detection of improper shield currents resulting from earthing, equipotential bonding or EMC problems, 40 – 1,000 Hz, MIN/MAX, DATA HOLD, ever-ready case, measuring cables (fits in empty compartment of aluminum case for PROFIBUS-Tester V5)	380,00
APT5085E	<b>5 pcs. D-Sub-service adapter PROFIBUS-DP</b> .....450,00 The D-sub service interface provides an access point for testing PROFIBUS networks if the existing D-sub connectors have no service socket or if bus stations are connected via a terminal block. It is rail mounted like a terminal block and supplied with 24 VDC by an external power source, 90° angled PROFIBUS connector with screw terminal technology and a switchable terminating resistor included	450,00
APT5095E	<b>5 pcs. M12- service adapter PROFIBUS-DP</b> .....450,00 M12 T-connector (IP68), sealing cap for service jack of T-piece and 1 m PROFIBUS-DP cable with M12-jack/plug	450,00

Prices and terms of delivery

- All prices are net prices in EURO excl. VAT
- Delivery terms: EXW Emden (extra charges for shipping and handling)
- Payment terms: invoice 14 days net
- AUTEM will not accept to take over any bank fees! Full assumption of costs by customer.
- Payment by bank wire transfer requires an additional € 30,00 processing fee for our bank
- Checks requires a surcharge of € 30,00. Don't forget to pay the processing fee of your local bank
- Ask for our special conditions for non-commercial institutions of training and education (certificate required)
- Warranty for products is 12 month, if not specified otherwise
- Older price lists are null and void with appearing of this price list
- Errors and omissions excepted. Subject to change without notice