

# Handling-Shortinstruction for

## Interface-Cable for S5 V1.3

### PG-UNI-Kabel

- Couples the PC (9pol. COM-interface) with the 15 pole X4/X5 interface port of the plc
- Galvanically separably to 1kV with PG ISO adapter
- Prolongable up to 300 meters
- Complete electronics in the plug housing
- Supply from the PLC over the current sources of the PG-port
- Functioned also at some CP's, IP's and Sinumerik controls



### PG-UNI-II Kabel

- ESD firm transducer component up to 15kV
- 9pin and 15pin plug housings are made of solid metal
- For controll of data transmission, there are two LED's integrated (Rx/D and Tx/D).
- Couples the PC (9pol. COM-interface) with the 15 pole X4/X5 interface port of the plc
- Galvanically separably to 1kV with PG ISO adapter
- Prolongable up to 300 meters
- Complete electronics in the plug housing
- Supply from the PLC over the current sources
- Functioned also at some CP's, IP's and Sinumerik controls



### PG-USB-Kabel

- Couples the PC (9pol. COM-interface) with the 15 pole X4/X5 interface port of the plc
- 15pin plug housings are made of solid metal
- Complete electronics in the plug housing
- Supply of the cable complete from the PC
- Prolongable up to 100 meters
- Is „active“ in relation of the plc
- Is working with standard S5-Software (Drivers for Win2000 and XP will be delivered with this cable)



**Attention:** The delivered driver for Windows 2000 and XP installs the PG-USB-Kabel as a virtual COM-Port. For use with the original Siemens Step5 software you have to install the also delivered driver "PG-USB-Kabel an S5" and then you can use it.

### PG-COM-Kabel

- Couples the PC (9pol. COM-interface) with the 15 pole X4/X5 interface port of the plc
- Complete electronics in the plug housing
- Supply from the PLC over the 5V of the PG-port



## PG-ISO-SET

- Galvanically separable from pc to the plc up to 1kV
- contact-protected housing, it is plastic housing
- The set contains PG-UNI-Kabel (3m) Art.Nr.9359-3 and the PG-ISO-Adapter Art.Nr.9359-8
- Supply of the module from the plc Voltage 5V and/or 24V

## SC-09-Kabel

- Couples the PC (9pol. COM-interface) with the RS485 interface port of the plc
- PLC coupling with 25pin D-Sub or with Mini-Din-plug (special adapter)
- Supply from the PLC over the 5V of the PG-port
- Complete electronics in the plug housing



## PG-ISO-Adapter for PG-UNI/PG-UNI-II

- Galvanically separable from pc above the PG-UNI-Kabel to the plc up to 1kV
- contact-protected housing, it is plastic housing
- Generates a new Ground and new Current Sources for the communication
- Supply of the module from the plc Voltage 5V and/or 24V



## S5-LAN+-Modul

- 3 minutes and PG interface of the S5-PLC-control is network-compatible
- AS511 via virtual COM port
- S7-TCPIP RFC1006 compatible (S7 panel to S5 PLC)
- Supply of the module from the PLC voltage 24V
- Active module, integrated power sources for TTY communication



## S5-BRIDGE (LAN and WIFI communication parallel)

- 10 minutes and PG interface of the S5 PLC control is network-compatible (cable and/or WIFI)
- AS511 via virtual COM port (cable and/or WIFI)
- S7-TCPIP RFC1006 compatible (S7 panel on S5 PLC, cable and/or WIFI)
- Supply of the module from the PLC voltage 24V
- Active module, integrated power sources for TTY communication



## Netz-Adapter for PG-UNI/PG-UNI-II

- Generates new Current Sources for the communication
- Operation area: damaged Current Sources, not existing Current Sources, sanded Current Sources, passive Current Sources
- Supply of the module with 24V external



## Additional adapters for PG-UNI/PG-UNI-II

general :                      Small Adapter, only 10cm long  
                                     Plug mechanics fitting to the plc



## CP525-Adapter

- Connection to the **programming port** of the CP525

## CP525-K-Adapter

- Connection to the **communication port** of the CP525
- This adapter can be used for following devices, too: CP524 and SAS523/525

#### **AG150-Adapter**

- **Only** use with the Netzadapter, because plc AG150 has an passive interface port!

#### **WF470-Adapter**

- **Only** used with the Netzadapter, because WF470 has an passive interface port!

#### **SINUM-Adapter**

- This adapter can be used for following plc-type: 805, 810, 820, 840, 850, 880

#### **Additional adapters for PG-USB**

general :                      Small Adapter, only 10cm long  
                                    Plug mechanics fitting to the plc



#### **CP525-Adapter**

- Connection to the **programming port** of the CP525

#### **CP525-K-Adapter**

- Connection to the **communication port** of the CP525
- This adapter can be used for following devices, too: CP524 and SAS523/525

#### **AG150-Adapter**

#### **WF470-Adapter**

#### **SINUM-Adapter**

- This adapter can be used for following plc-type: 805, 810, 820, 840, 850, 880

More to the interface-cable as well as the current manual you can download under

<https://www.tpa-partner.de>

(c) copyright 2000-2024 by TPA

### Menutree Website:

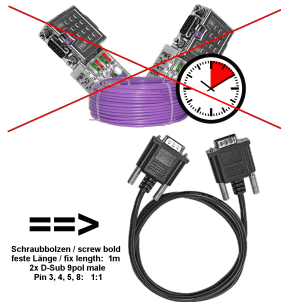
- + Products / docu / downloads
- + Hardware
  - + Programming devices
  - + S5
    - + S5 over RS232
    - + PG-ISO-set

### QR-Code Website:



Please make sure to update your drivers before using our products.

Save time and money



Connect panel to PLC or PLC to PLC, why waste time and money unnecessarily?

Get an expensive bus-cable, screw the bus-connector and also make the classic mistake in the wiring (shield-connection to bus-line). Why all this effort when there is a ready-made solution:

MPI/Profibus-connection-cable with a length of 1m, cast D-Sub-housing with screw-bolts. Only the signals A + B (bus itself), ground and RTS-AS are 1to1 applied, so no problems with possible voltages, compensating currents.

Simply plug it on to the MPI- or Profibus-interface, screw it on and communicate.