

Step5/7-Programming system PG-2000

Installation note:

Load your license file using the link given in your personal license email.
The password for extraction can also be found in this email. Then copy this file into the folder of the installed PG-2000 software (demo version).
After restarting the software, your license is active.

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

Menutree Website:

- + Products / docu / downloads
- + PG2000 teleservice option

QR-Code Website:



Name	Phone
PG-2000	Phone: +49 7172 125660
Service and Licensecode	Telefonnummer:
+49 7172	125660



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

Informations about the bus

S7-LAN V2.63
Kuehlhaus_1
IP:192.168.1.56

- Startseite
- Verbindungen
- Display
- Module
- Konfiguration
- Zugriffsrechte
- Passwort
- Neustart

ID	IP-Adresse	Quali TSNP	Zeit TSNP	CPU	Busstatus	Paralle
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0

ID	Kommunikation	Empfangen	Senden
1	Kommunikation

ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																				
2																				
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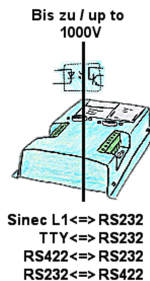
■ Station Active ■ Station Active/Ready ■ Station Passive

Modul	Modulname	Status
Busknoten	...	aktiv
Gateway	...	aktiv
Gateway-Subknoten	...	aktiv

View information from the connected bus-system in plain text without using the Simatic-Manager or TIA-Portal. With the connection-menu you get the list of reachable nodes, marked in color whether it is an "active bus-participant", is a "candidate for inclusion in the bus" or a "passive bus-participant".

You can also see whether cyclic bus-parameter-protocols have been received, you are "in the bus" yourself, the bus-address of the participant recognized as a "direct participant" (on which the S7-LAN is located) and whether the contained modules such as "variable control", "gateway-coupling",... actively communicate.

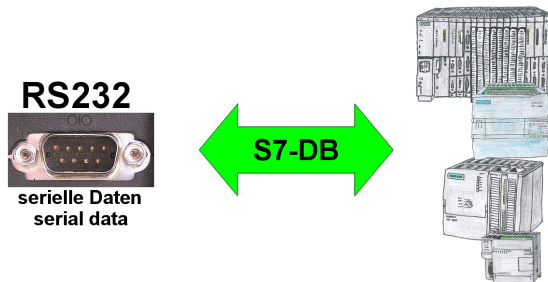
Interface-converter with galvanic decoupling



Coupling of 2 devices with different hardware-interfaces?

Devices of the UNI-COM-series offer the implementation of different hardware-interfaces with simultaneous galvanic-separation of both sides up to 1000V. Connections to the device via screw-terminals or via the integrated D-Sub with screw-locking. Universally usable for every application.

Only a 24V DC supply is required for the converter.

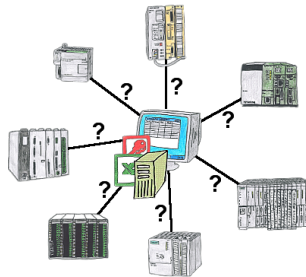


S7-PLC should process serial ASCII-data from another/external device and send back the corresponding data?

"RS232 on S7" receives this serial data and transfers it to a data-block of your choice specified in the configuration. The S7-PLC can then process the data received in this way and send back an answer via a data-area that is also defined.

The baud-rate of the serial line can be freely selected. This allows communication with the ASCII-transmitter to be implemented, with the S7-PLC using the two specified data-areas as input-/send-compartments.

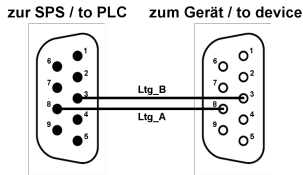
Communication with PLCs without knowledge of the specific protocol



Who does not know the problem for a production-analysis still lack data that is stored in the controller. Without PLC-specific programming-packages you can not get the data and the software-technician has no time.

A one-time change to the evaluation-tool, the PLC-specific DLL-file integrated (also at Excel, Access, ...) and functions for reading and writing data of the controller are available.

Protection of the bus interface



Participants on "unknown" bus-connection, threatening danger of damage

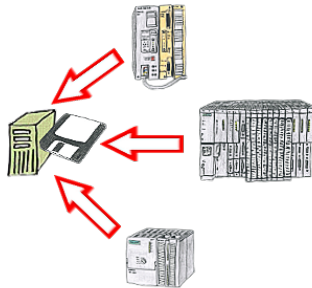
Programming-adapters or other bus participants to attach a 9-pin bus-connection, who has not a queasy feeling that damages can arise.

Who owns the assemblies "VIPA 21x-2bm0x and 208-1dp0x" from VIPA knows the problem. Quickly, a voltage-conducting pin is pulled against GND => The short circuit is existing.

Simply save only the plug-contacts of the bus-connection from wear due to permanent plugging and removal of participants. For this purpose, the bus-coupler plug can be used.

A small component with great effect.

Data logging of your PLC



You shortly need a logging of your PLC's operating states respectively are on the way of figuring out a problem and have no datalogger? No problem, connect the PC, start the PG-2000-software with "option datalogger", define relevant variables, appoint timestamp and then the recording starts running immediately. The data will be stored on the fixed disc according to the configuration.