

## 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.

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.

If you have questions or suggestions about the product, please don't hesitate to contact us.

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**Menutree Website:**

- + Products / docu / downloads
- + Software
  - + Programming-software PG-2000 Step5 & Step7
  - + STEP 7 (Freeware)

**QR-Code Website:**



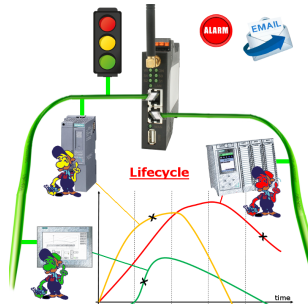
```

000 Name          Typ
001 001 SU_CLASS   byte
002 001 SCN        byte
003 001 PRIORITY   byte
004 001 OB_NUMBR   byte
005 001 RESERVED_1 byte
006 001 RESU_CYCLE int
007 001 HIR_CYCLE  int
008 001 LOR_CYCLE  int
009 001 DATE_TIME Date_and_Time
Network 1 von 3      1
+-----+
|S2|
|SPN|
|Hir|
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|250|
weit INOP 0

```

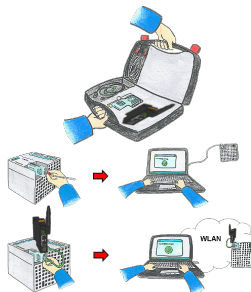
Please make sure to update your drivers before using our products.

## Profinet life cycle monitoring



Identify impending failures in your Profinet.  
 Creeping aging will be displayed to you very detailed.  
 The Profinet-Watchdog give you the change to react before something happens.

## Universally on/around machine and PLC



Communication with S5/S7-PLC (mainly), whether wired or via WIFI?

Universally armed for all requirements with the WIFI-sets, regardless of whether it is an S7-PLC, S5-PLC or a controller from another manufacturer with a LAN connection, having everything with you, depending on the used set, is your advantage.

- \* S5-LAN++ or S5-BRIDGE for S5-PLC
- \* S7-LAN or S7-BRIDGE for S7-PLC (PPI/MPI/Profibus)
- \* ALF-UA as a pure converter from Ethernet to WIFI
- \* Patch-cable or Cross-cable in order to act also wired

With the WIFI-Set you simply have everything with you in a handy case, be prepared for everything.

This makes (on site) work a pleasure.

## WIFI not allowed, what now?



You may not use WIFI in your environment?

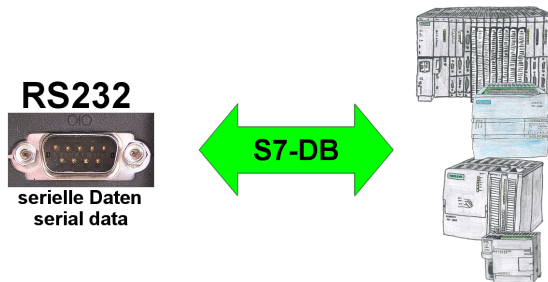
Connect the USB-ETHERNET-adapter to the ProfiNet-WATCHDOG's USB-port and create another Ethernet-socket.

Connect your PC directly with LAN-cable to the ProfiNet WATCHDOG.

## Use on-site without PC-adapter?



With the MPI/PPI/Profibus-modem you can connect serial to your PC/laptop and then communicate directly with the PLC without a PC-adapter or other S7-programming cables.

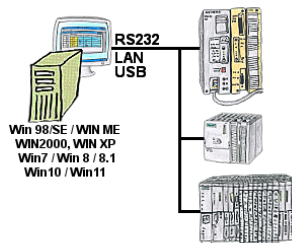


S7-PLC should process serial ASCII-data from another/external device and send back the corresponding data?

"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.

## Programming/controlling of S5/S7[FREEWARE without support]-PLC's



Program change on your systems and no original programming-package?

With PG-2000, a universal programming system for S5 and S7 controllers [S7 FREEWARE without support], you can make changes to the controllers yourself. Connect the PC with the appropriate interface-product via the COM-, USB- or LAN-port.

One surface for S5- and S7-programming [S7 FREEWARE without support] so you don't have to get used to it. Windows as the operating-system, work with every current version of Windows. Where the original programming packages no longer works, work with PG-2000 ONLINE.