Handling-Short Instruction for

MESSI NG 2G / 3G V1.0

The Messi is a fault-messenger which sents its fault-messages via the GSM-network. As a result, it is not affected by german telekom´s switch to the digital telephone-network.

Power Supply MESSI
Connect the following voltage to input terminals 41 and 42:
Terminal 41: +12V DC up to +24V DC
Terminal 42: 0V
Terminal 43: can be used as replacement-supply with accu-pack . Read more in the device-manual.

Software drivers do not need to be installed.

Configuration of MESSI
All data and parameters which are necessary for the operation of MESSI NG are entered via the web-interface. Please use Mozilla Firefox browser to configure the web-server.

Microsoft Internet-Explorer is not suitable for this configuration.

Preparation
Connect the MESSI NG to your PC or to your existing network with a network-cable. If the control-lamps on the network-socket do not light up, you have to use a crossover-network-cable.
The IP-address of MESSI NG is shown in the display. If necessary, change the IP-settings of your PC so that it is in the same subnet as MESSI NG.

If MESSI NG has the IP address:
192.168.1.200 (factory-settings),
please set up your PC, for example to 192.168.1.3.

You can open the web-interface of MESSI NG with http://192.168.1.200. The web-interface transfers only the absolutly needed data, so a smooth processing of programming is possible. After entries on the configuration-pages, please use the save-button to store this settings. Please don´t use the back- and forward buttons of the browser.
The browser must allow the processing of javascript.

Country-specific settings for the cellular network

Due to the technical development of the cellular network, some existing cellular standards will no longer be available.
Unfortunately, the dismantling is carried out according to different guidelines in the individual countries.
The 2G network has not been available in Switzerland since 2020.
The 3G networks in Germany will be switched off in the course of 2021.

Depending on where the MESSI NG 3G is used, this requires differentiated settings.

These are to be set in the “General Settings” (see also chapter “4.3.1 General Settings” in the manual) under “Network Type”.

For use in Switzerland:

Here the MESSI NG 3G must be set to the 3G network:
Network Type: 3G

For use in Germany:

Here the MESSI NG 3G must be set to the 2G network:
Network Type: 2G

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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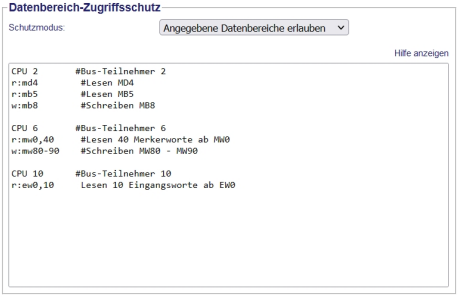
Menutree Website:

+ Products / docu / downloads
  + Hardware
    + Error messaging
      + MESSI NG 2G

QR-Code Website:

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

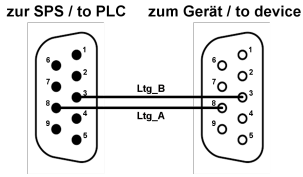
Management of the data-areas



With the management of the data-areas it is determined whether the entered data-areas can be read/written via the module with the connected controllers. A central button for the function determines whether the specified inputs are "allowed" or "not allowed" are.

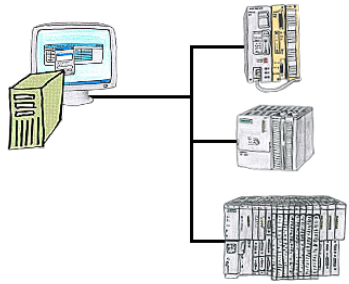
The input itself is kept very simple: "r" for reading and "w" for writing, a ":" as a separator and then the data-area in S7-format. If there is only one CPU on the bus, the CPU-address does not even have to be specified, the participant on which the module is plugged in is used.

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.

Project/history-administration of PLC-programming



Who doesn't know this? When accessing the PLC you find out that parts of the program flow has been changed and none of the colleagues/employees are responsible for it? Therefore install the "option controller" for the PG-2000-software, and every activity of the employees working with the program will be recorded. So you can identify the one employee very quickly and changes are ex post comprehensible, too.