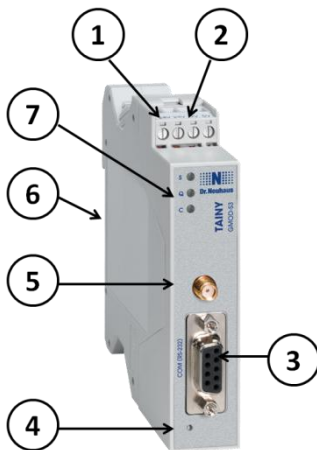


Connections and user elements



- 1 – supply +24V
- 2 – supply 0V
- 3 – local serial interface
- 4 – service sensor
- 5 – antenna socket
- 6 – SIM card holder*)
- 7 – indicator lamps

S (status)
Q (signal quality)
C (connection)

*) The SIM card holder is on the rear side of the device

WARNING:

The TAINY GMOD-S3 can be used as a substitute for a TAINY GMOD-T1. Note the different wiring at the connection of the power supply (+24V; 0V): Remove the bridge between the two inner screw terminals, or do not connect the signal input SW as for the TAINY GMOD-T1 at TAINY GMOD-S3, because it causes a short circuit of the power supply.

User manual

The user manual for the TAINY GMOD-S3 is available for download from our website:

www.neuhaus.de

Safety

General: the TAINY GMOD-S3 product meets the European standard EN60950 (11.2006 /A1:2010), information technology equipment – safety. Carefully read the installation manual before using the device. Keep the device out of the reach of children. The device must not be installed and operated outdoors or in damp rooms. Do not use the device if cables or the device itself are damaged.

Use: the device must be used only for the intended use cases in this document and the datasheet. Correct transportation, storage, setup and installation as well as careful operation and maintenance are all prerequisites for the correct and safe use of the product.

Installation: the installation of the TAINY GMOD-S3 is only to be carried out by electrically skilled persons according to the generally recognised rules of technology and the regulations which are decisive for the setting up of communication equipment/devices. When in use, the TAINY GMOD-S3 has to be covered with a covering or housing which offers sufficient contact protection against dangerous voltage.

Supply: the TAINY GMOD-S3 can only be supplied by power supplies according to IEC/EN60950 section 2.5 "Limited power source". The external power supply for the TAINY GMOD-S3 must be in accordance with the regulations for NEC class 2 circuits as set out in the National Electrical Code © (ANSI/ NFPA 70). The output voltage of the external power supply cannot exceed 30V

DC. The output of the external power supply must be protected against short circuiting.

When connecting to a battery or an accumulator, please ensure that there is likewise an all-phase separator (battery master switch) and a fuse with sufficient separating ability between the device and the battery. Take note of the technical data in the user manual as well as the installation and use regulations of the respective manufacturer of the power supply, battery or accumulator.

Handling of cables: never pull a cable plug from its jack by pulling the cable, always pull at the plug. Do not allow the cables to run across sharp corners or edges without edge protection. If necessary, ensure a sufficient strain relief for the cables. Please ensure that the bending radius of the cables is upheld for safety reasons.

Antenna installation: please only use antennas from the accessories programme for the TAINY GMOD-S3. These antennas have been checked by us and guarantee the described product properties. When installing the antenna a sufficiently good signal quality is to be ensured. Use the signal indicators of the TAINY GMOD-S3 which display the signal quality.

Please take note of the installation and user manual of the antennas used.

It must be ensured that the recommended radiation limits of the German Commission on Radiological Protection (www.ssk.de) from 13/14 September 2001 are guaranteed.

HF exposition: never use the device in areas in which the use of radio equipment is prohibited. The device includes a radio unit which can influence medical electronic devices such as hearing aids or pacemakers when in use. Your doctor or the manufacturer of such devices can advise you. To ensure no data carriers become demagnetized please do not store any disks or other magnetic data carriers near the device.

The antenna connected to the RF transmitter of this device nominally works in every direction with 0 dB amplification. The composite power in the PCS mode is less than 1 watt ERP when using this antenna.

The internal/external antennas used with this mobile device must have at least a 20 cm gap from people. And they are not to be positioned or used in such a way that they work in conjunction with any other antenna or transmitter.

Copyright Statement

The information published in this document is protected by copyright. Translations, reprinting, duplication and storage in data processing systems require the express authorisation of the manufacturer.

Subject to technical modification.

All trademarks and product names are trademarks, registered trademarks or product names belonging to the respective owner. All information is based on manufacturer's specifications. No guarantee or liability is assumed for incorrect entries or omissions. The content of this handbook and the technical specifications can be modified without prior notification. The descriptions of the specifications in this manual do not represent a contract.

Doc. no. 3198AD002 / 1.3 / August 2013