

Product information TA-GSM

TA-GSM serves as a GSM adapter for REKOBA components, for example for TransAlarm products TAS24 and TAS25.

Preparing to install

- Check for sufficient GSM field strength at your intended installation location (see section "Functional test" below).
- Do not install the module at locations with high levels of electromagnetic interference or moisture.
- Disable the PIN code, mailbox and call notification on the SIM card by means of your mobile telephone.

Installation

- Open the casing (see Fig. 1).
- You may use the telephone cable shipped with TA-GSM directly with TAS24, in case of TAS25 use two wires from the travelling cable instead.
- Push the SIM card into the socket until it snaps in (see Fig. 2). In order to remove the SIM card simply push onto the ledge which is sticking out.
- Attach the antenna to TA-GSM.
- Connect your battery-backed power supply to the screw terminals +/- DC and put it through the strain relief of the telephone cable.

Functional test

- In order to check the GSM field intensity, press the push-button on TA-GSM (see Fig. 2). The field intensity is indicated by repeated flash signals of the LED, with 5 times meaning maximum intensity.
- The LEDs indicates the following operating states:

| | |
|-----------------------|---|
| Red shines steadily | No GSM network found or restarting |
| Green blinks, red off | GSM network detected, ready |
| Green shines steadily | Call active |
| Red blinks 1-5 times | Indicates GSM field intensity, 1=minimum, 5=maximum |

Technical data

- Power consumption Max.: 400mA @ 12VDC, 200mA @ 24VDC
- Operating temperature: -20°C - +70°C
- Frequency range: GSM 900/1800, 850/1900 MHz
- Dimensions (LxWxH): 114x80x31mm (134x80x31mm including mounting bracket)



Fig. 1: Product image (opened)

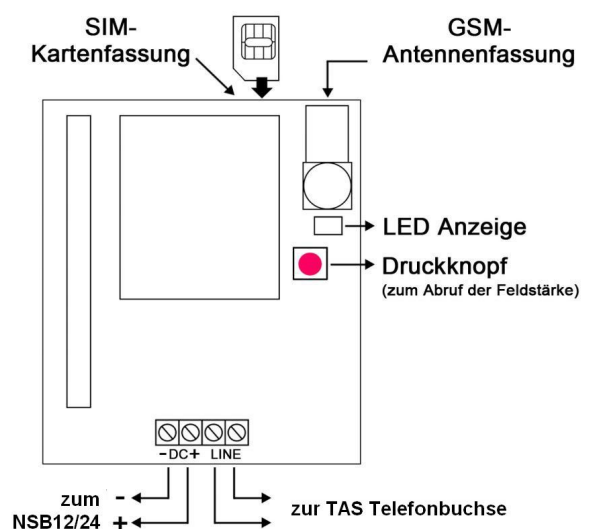


Fig. 2: Interior view (schematic)