



GSM modem for the data transference

With the GSM modem data Loggers can be connected practically worldwide. If it is possible to check the state of a Wind measuring station any time, New Data reading out and also new configuration of the logger – do not outside offices! The GSM connecting supplemented the servicing on site and extends the service intervals. Malfunctions can be initiated early recognised - and remedial actions immediately. This offers an optimum in data security with minimum service expenditure.

Typical applications

- With demands of high data security
- Measuring stations removed far
- Monitoring of the measuring station

Advantages

- High data security
- Reduced travel expenditure

A condition

- GSM –Network coverage must be present locally
- A GSM Card with data equipment

Functionality

Generally data loggers above the RS232 interface of a PC/laptop with the suitable data loggers - WindCom become software appealed. WindCom Software. The GSM connecting represents in principle an extended RS232-port.

The data logger is connected above the RS232 port with the GSM modem and the PC in the Office with an analogue modem. The logger software dials in through itself on the telephone network and produces independently the connection. The data exchange occurs from the computer over the mobile radio net so comfortably as if one was on site.

Action

At the measuring Site an external Power supply must exist for logger and GSM modem. According to local actual fact the GSM modem can remain constantly switched on (with net power supply) or at given times are activated by the logger.



Power Supply

The Power supply of the logger, the GSM modem and the sensors happens from 12 V of Backup batteries.

Solar panel

The Solar panel is delivered with a mounting and is laid out for a whole year. The setting of the Panels occurs merely through the positioning in the south direction.