



The System Company for Energy Markets

PRODUCTS

UniMod GSM-4

GSM/GPRS Modem

The world-wide GSM radio networks (GSM = Global System for Mobile communication) provide besides digital voice communication the possibility to transmit data. The universal radio modem UniMod GSM-4 is supposed for remote inquiry of measurement data of any kind, especially however for telecounting applications. The UniMod GSM-4 can be used in any EGSM 850/900/1800/1900 MHz network with an arbitrary number of providers.



Technical Specification

- ▶ Radio modem (GSM/GPRS with auto switching)
- ▶ GSM: Transparent reading
GPRS: DIN 43863-4 (IP-Telemetry) or BAER-Protocol
- ▶ Protocols:
SCTM, LSV1, DLMS, IEC1107, VDEW2+, IEC60870 etc.
- ▶ Wide-range supply voltage:
80VAC - 270VAC and 60VDC - 375VDC
alternative: 12VDC
- ▶ Wall-mounted housing according to DIN 43861-2
- ▶ Display:
9 LED's for power, GSM, 3 INF, RI, DCD, TxD and RxD
- ▶ On-board interfaces: 20mA/CS, RS485 2-wires and RS232 (for service only)
- ▶ Available additional interfaces:
20mA/CS (up to 4 meters max.), RS232, RS485 or M-Bus passive/active (up to 10 meters max.)
- ▶ Data format: 7E1, 8N1, 8E1
- ▶ SMS input: open/close function
- ▶ Optionally buffering for SMS-Alarm
- ▶ Password protection
- ▶ Remote access
- ▶ Selection of network operator:
automatically or manually
- ▶ Prepaid SIM-Card: possible
- ▶ Automatically baud rate setting for locally meter (IEC1107/VDEW2+)
- ▶ Baud rate switching via remote control
- ▶ Signal quality and internal temperature indication
- ▶ Cyclic reset
- ▶ Parameterisation software: UniModSet, optionally