

# LTE GSM Modem HT CAT M

LTE GSM Modem for wireless data transfer  
(RS232, USB or LAN)

Order no.: 700450250S (RS232-Version)  
Order no.: 700450260S (USB-Version)  
Order no.: 700450261S (USB dualpowered)  
Order no.: 700450270S (LAN-Version)

## Applications

Data transmission out of:

- distance measurement applications
- SPS controlled applications
- PC systems
- RAS applications
- Vending machines
- Air power applications



## General informations

Standard interfaces for industrial applications and integrated SIM card reader makes the LTE GSM Quadband Modem a right LTE GSM terminal solution for several applications in wireless data. It allows the quick realisation of applications in the telemetry and telematic.

## Conditions

To use the LTE GSM Modem you need:  
PC with RS232, USB or LAN-interface, Antenne, SIM-card with data activation (prepaid or fix contract)

## Technical specific features

- Available with RS232, USB (Bus-powered or 12 V power supply for dualpowered) or LAN
- Usable with Windows and Linux systems
- Using all LTE/GSM services (voice (voice call without voice transmission possible), data, tele.)
- Using in european LTE/GSM networks (other regions on request)
- IP with TCP and UDP, FTP, SMTP, SMS
- Small dimensions for simple integration in applications
- DIN rail mounting

## Technical data

<b>GSM networks</b>	GSM 800 + 900 + 1800 + 2100 + 2600 Mhz	<b>AT-Commands</b>	3 GPP rel.9 compliant, 3 GPP TS 51.014 (SIM), Standard- and extended AT Commands
<b>Data rate</b>	300 kbps Up, 375 kbps Down (LTE CAT M) Fallback to 3G and 2G	<b>Interfaces</b>	LAN, USB oder RS232, D-SUB 9 female
<b>Approval</b>	CE, GCF (Europe), worldwide	<b>Aerial</b>	SMA, 50 Ohm
<b>Physical dimensions/ weight</b>	75 x 22 x 112mm (L x B x H) / 92 g	<b>Scope of supply</b>	LTE GSM Modem Manual CD with Software
<b>Temperature range</b>	- 40 °C bis + 65 °C working temperature	<b>Optional accessories</b>	Power supply for DIN rail mounting 230 V AC /12 V DC Glass Attached Antenna (Indoor use), 1,5 m cable (SMA) Round Antenna PUK (Indoor and Outdoor use), 3 m cable (SMA)
<b>Power supply</b>	9-35 V DC (LAN, RS232), BUS powered (USB)	<b>Order-No</b>	700100302 300303304S 300303310S
<b>Power consumption</b>	9 V (middle 250 mA, peak 1000 mA), 12 V (middle 180 mA, peak 750 mA), 24 V (middle 100mA, peak		