

M-Bus Modem

M-Bus readout by telephone network

Works with every M-Bus master

Transmission speed max. 2400 Baud

Real 11-Bit transmission

Operating mode shown by LED

Rail mounting possible



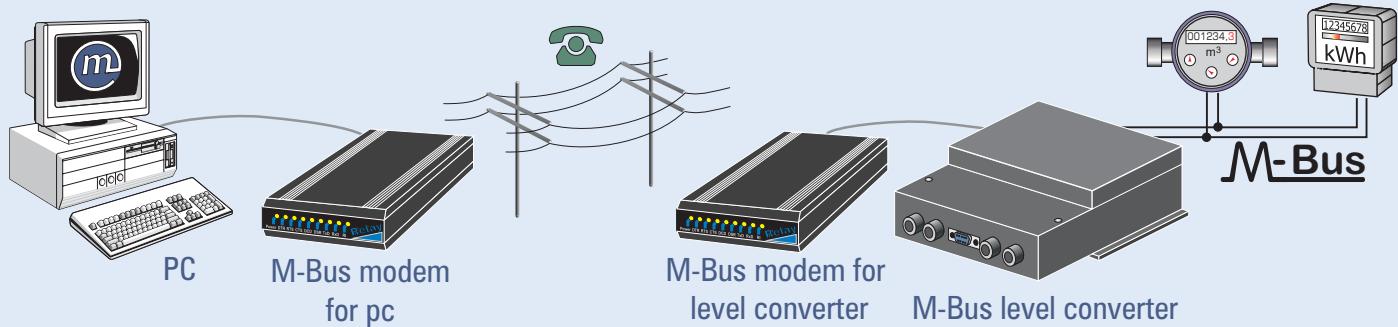
M-Bus reading by the line - possible with the M-Bus Modem !
All M-Bus masters with serial RS232 port can easily be connected to the analog telephone network by the M-Bus Modem. M-Bus data are transmitted from the level converter modem to the remote station modem without loss of data security in accordance to the EN1434-3 standard . This system allows the user to record and account consumption data minute-exactly from any location. In order to make installation and service as simple as possible the modems for PC and level converter are delivered pre-configured.

Relay

PadMess

M-Bus unlimited:

M-Bus Modem



Function of the M-Bus modems

The M-Bus modems are analog telephone modems that enable long-distance data transmission between every M-Bus level converter and a remote computer. Meter data can directly be accessed without a CPU on-site. The real transmission of the parity bit and the guaranteed M-Bus timing ensure the high data security required by the M-Bus standard EN1434-3.

In combination with an A/B adapter the M-Bus Modem can easily be connected to an ISDN system.

Advantages of the M-Bus system

- ✓ Cost-saving field bus system
- ✓ Two-wire bus supplying power to the bus users
- ✓ Large range (several kilometres)
- ✓ European standard (EN1434)
- ✓ Good availability of system components
- ✓ Suited for applications at home and in industry
- ✓ Remote reading of consumption (water, heat, gas, electricity, ...)
- ✓ Total energy monitoring
- ✓ Data logging by mouse click

Technical data

Operating voltage:	10 .. 36V DC or 8 .. 24V AC	Housing:	black aluminium housing protection type IP20
Power input:	max. 3W	Level converter modem:	H x W x D: 130 x 130 x 32 mm
Temperature range:	0 .. 55 °C	PC modem:	rail mounted
DTE-baudrate:	300 .. 2400 baud (online switchable)	Display:	desktop device
Data type:	free selectable, paritybit is transmitted	Ports:	8 LEDs for mode and interface signals
Timing:	according to standards IEC870-5-1/2 and EN1434-3 EN13757-2	Power:	power socket coax. 2,5mm
		D-SUB 9-pin socket for RS232	D-SUB 9-pin socket for RS232
		telephone connection RJ12C	telephone connection RJ12C
		Approval:	CE

Order information

M-Bus Modem for PC
M-Bus Modem for level converter
Delivery contains:
230V plug-in power supply 9V AC exit
telephone cable RJ12C and adapter to TAE-N
MOD002: disc for Windows95/98/NT/XP
9-pin serial cable

Art.-No. MOD002
Art.-No. MOD003

Accessories

M-Bus readout software:
M-Bus OLE Server for Windows95/98/NT/XP Best.Nr. SW005M
DOKOMCS (master and level converter) Best.Nr. DOKOMCS
MB-Sheet (level converter) Best.Nr. MBSHEET



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