



PadPuls M1

Art.No.: IM001G

- ⊙ Pulse adapter (pulse/M-Bus) for 1 meter
- ⊙ Supplied by M-Bus or battery
- ⊙ Flexible setup by M-Bus
- ⊙ Floating contact
- ⊙ Large battery

- * 90 x 130 x 43 mm
- * Wall mounted
- * Pulse frequency max. 20 Hz
- * Quiescent current 1 unit load
- * Battery lifetime 8 years exclusively battery operated



PadPuls M1C

Art.No.: IM001GC

- ⊙ Pulse adapter (pulse/M-Bus) for 1 meter
- ⊙ Supplied by M-Bus or battery
- ⊙ Flexible setup by M-Bus
- ⊙ Floating contact or S_0 -input

- * 26 x 75 x 111 mm
- * Mounted on DIN rail TS35
- * Pulse frequency max. 20 Hz
- * Quiescent current 1 unit load
- * Battery lifetime 8 years exclusively battery operated
- * Power supply for S_0 required



PadPuls M2

Art.No.: IM003G / IM003GB

- ⊙ Pulse adapter (pulse/M-Bus) for 2 meters
- ⊙ Supplied by M-Bus or battery
- ⊙ Flexible setup by M-Bus
- ⊙ Due-date function / 15 monthly values
- ⊙ Input for tariff switch signal

- * 80 x 80 x 52 mm
- * Wall mounted
- * Pulse frequency max. 14 Hz
- * Quiescent current 1 unit load
- * Battery lifetime
IM003G : 3 years
IM003GB : 8 years
exclusively battery operated



PadPuls M2C / M4C

Art.No. M2C: IM003GC / IM003GCB
Art.No. M4C: IM002GC

- ⊙ Pulse adapter (pulse/M-Bus) for - 2 meters (IM003GC/IM003GCB) - 4 meters (IM002GC)
- ⊙ Supplied by M-Bus or battery
- ⊙ Flexible setup by M-Bus
- ⊙ Due-date function / 15 monthly values
- ⊙ Input for tariff switch signal

- * 93 x 51 x 58 mm
- * Mounted on DIN rail TS35
- * Pulse frequency max. 14 Hz
- * Quiescent current 1 unit load
- * Battery lifetime
IM003GC : 3 years
IM003GCB, IM002GC : 8 years
exclusively battery operated



AnDi 1-4

Art.No.: MB ANDI1-4

- ⊙ Analog to M-Bus converter with 1 to 4 channels
- ⊙ Suitable for industrial sensors
- ⊙ Integrated supply of sensors
- ⊙ Input ranges 0/4-20 mA and 0-10 V
- ⊙ Free setup and scaling of metering inputs

- * 100 x 77 x 110 mm
- * Mounted on DIN rail TS35 or wall
- * External 24V DC power supply required Art.No. NT005
- * Metering resolution 12 bit
- * Converting of measured data to physical units



PadIn 4

Art.No.: MB PADIN4

- ⊙ M-Bus status module
- ⊙ Inquiry of four floating contacts
- ⊙ For alarm units and sensors
- ⊙ Flexible setup by M-Bus
- ⊙ Supplied by M-Bus

- * 55 x 75 x 110 mm
- * Mounted on DIN rail TS35 or wall
- * Quiescent current 1 unit load
- * Debouncing time 2,0 ms



THI

Art.No.: THI

- ⊙ Room temperature and humidity sensor with LCD
- ⊙ Actual / min / max values
- ⊙ Temp.: 1h average, 24h average, 24 hourly averaged values
- ⊙ Display for configuration and showing values
- ⊙ Measuring ranges 0 .. 50°C
0 .. 100% RH

- * 80 x 80 x 28 mm
- * wall mounting
- * Quiescent current 1 unit load



THO

Art.No.: THO

- ⊙ Outside temperature and humidity sensor
- ⊙ Actual / min / max values
- ⊙ Temp.: 1h average, 24h average, 24 hourly averaged values
- ⊙ Measuring ranges -40 .. 50°C
0 .. 100% RH

- * 100 x 100 x 52 mm
- * wall mounting
- * Quiescent current 1 unit load



M-Bus Modem

Art.No.: MOD001

- ⊙ external modem for Relay Data-loggers and Displays
- ⊙ suitable for DR001/2, MR004FA/DL, MR005FA/DL, MR006FA/DL
- ⊙ serial modem for RS232 interface
- ⊙ V.92 protocol supported, Quick connect
- ✱ 136 x 95 x 30 mm
- ✱ transmission speed 56000 b/s
- ✱ 9 V power supply and cables included



M-Bus Modem

Art.No.: MOD002 / MOD003

- ⊙ M-Bus modem for PC (MOD002) / level converter (MOD003)
- ⊙ Works with every M-Bus to RS232C level converter
- ⊙ Real 11-Bit transmission
- ⊙ Transmission speed max. 2400 Baud
- ✱ 135 x 70 x 29 mm
- ✱ external plug-in power supply (scope of supply)
- ✱ Mounting on DIN rail TS35



Serial Device Server

Art.No.: TCP001

- ⊙ Connects serial devices to the Ethernet
- ⊙ Converts 10BaseT and 100BaseT to RS232C
- ⊙ For M-Bus level converters and centrals
- ⊙ Windows driver for virtual COM port
- ⊙ Keep on using your RS232 software
- ✱ 18 x 48 x 25 mm
- ✱ Mounted on DIN rail TS35 or wall
- ✱ Protocols: TCP/IP, UDP/IP, ARP, ICMP
- ✱ external plug-in power supply (scope of supply)



Optical head

Art.No.: OK001 / OK004

- ⊙ Optical head for M-Bus communication
- ⊙ OK001 for RS232C and OK004 for USB interface
- ⊙ Integrated magnet
- ⊙ Powered by PC / Laptop
- ✱ 32x23mm (D x H)
- ✱ Optical data according to EN 61107
- ✱ OK001: RS232C 9 D-SUB-socket
- ✱ OK004: USB V1.1 socket type A driver CD (scope of delivery)



S₀-pulse converter

Art.No.: KV001A

- ⊙ 2 channel S₀ converter and doubler
- ⊙ converts 2 S₀-pulse signals to potential free contacts
- ⊙ enables all PadPuls devices to count S₀ pulses
- ⊙ doubles pulses and enables two times recording of pulses
- ✱ 53 x 91 x 58 mm
- ✱ 210 .. 250 VAC / 50Hz .. 60Hz
- ✱ Mounted on DIN rail TS35
- ✱ S0 according to DIN 43864
- ✱ Measuring voltage 18 .. 27 V DC 20 mA



USB-RS232 Adaptor

Art.No.: KV002

- ⊙ Adaptor USB to RS232C
- ⊙ Including extension cable
- ⊙ USB 2.0
- ⊙ Supports remote wake-up
- ✱ 71 x 35 x 15,5mm
- ✱ Cable length approx. 85 cm
- ✱ Works with Win 8, 7, Vista, XP
- ✱ Driver CD in scope of delivery



Plug-in power supplies

Art.No.: NT003 / NT004 / NT005

NT003

- ✱ Euro plug
- ✱ 12 VDC unregulated / 6 W
- ✱ recommended for: MR005XX, MR006XX

NT004

- ✱ Euro plug
- ✱ 24 VAC / 18 W
- ✱ recommended for: MR004C

NT005

- ✱ Euro plug
- ✱ 24 V DC regulated / 8 W
- ✱ recommended for: IM001GC (S₀-interface), AnDi 1-4



DIN rail power supplies

Art.No.: NT006W/NT010/NT011/NT013

NT006W

- ✱ 24 VAC, 18 W
- ✱ low profile
- ✱ for MR004C, MR005XX, MR006XX and Splitter

NT010

- ✱ 24 VDC, 24 W
- ✱ for MR004C

NT011

- ✱ 24 VDC, 10 W
- ✱ for MR005XX, MR006XX, IM001GC

NT013

- ✱ 24 VDC, 15 W
- ✱ low profile
- ✱ for MR005XX, MR006XX, IM001GC