

# M-Bus to Modbus-TCP gateway

The Anybus M-Bus to Modbus-TCP gateway allows M-Bus devices to communicate on a Modbus-TCP network. The gateway decodes M-Bus telegrams making it possible to map meter values to Modbus registers. This enables central control and supervision of measuring devices which usually use the M-Bus protocol.

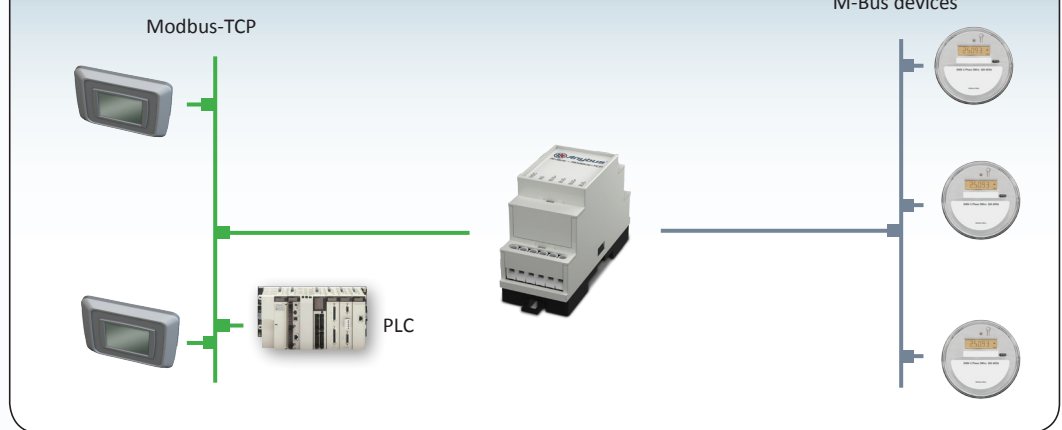


**M-Bus**

## Typical Industries



## APPLICATION EXAMPLE:



## Order number:

024380 (20 loads)

025070 (80 loads)

## Connect to other networks with Anybus X-gateways:

Network	Order no
CANopen Slave	AB9004
CC-Link Slave	AB9009
ControlNet Adapter	AB9003
DeviceNet Adapter	AB9002
EtherCAT Slave	AB9000
EtherNet/IP Adapter	AB9006
Modbus RTU Slave	AB9005
PROFIBUS Slave	AB9001
PROFINET-IO Device	AB9007

## Make M-Bus measuring devices talk Modbus-TPC

The Anybus M-Bus to Modbus TCP gateway decodes M-Bus telegrams for easy overview and mapping of meter values. You can connect several M-Bus slaves to the gateway (two versions are available — for 20 or 80 loads) and enable them to communicate on a Modbus-TCP network.

## Connect to any other network with an X-gateway

You can also connect your M-Bus devices to any other industrial network by pairing the M-Bus gateway with an Anybus X-gateway for Modbus-TCP. This easy-to-use gateway creates a connection from Modbus-TCP to any other industrial network.



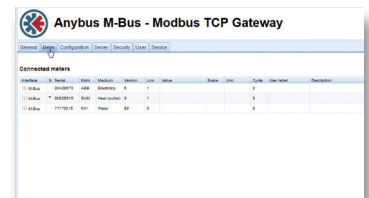
## What you get:

- Get data on your consumption of electricity, water or gas onto Modbus-TCP (or any industrial other network).
- Enable total overview of your site's consumption, including building parameters (electricity, water, gas etc.)
- Easy web-based configuration tool. No programming required.
- No hardware or software changes are required for the connected M-Bus device.
- Global free technical support and consultancy.

## Easy configuration

The accompanying web-based configuration tool allows you to set up the gateway in an easy-to-use web interface. No programming is necessary.

View a configuration video at [www.anybus.com](http://www.anybus.com)



Connect. Configure. Done!

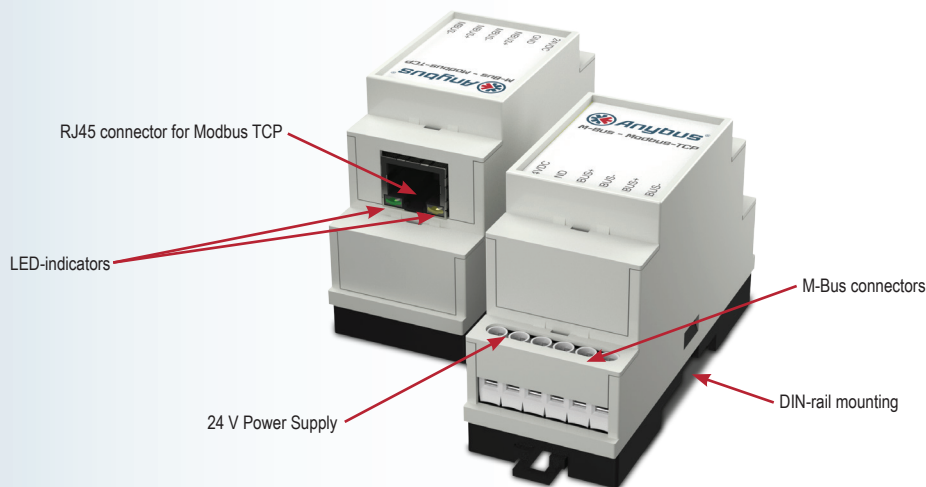


HMS provides a full 3 year product guarantee



## TECHNICAL SPECIFICATIONS

Technical Details	
Dimensions (L*W*H)	89 • 35 • 58 mm
Protection class	IP20
Enclosure material	Plastic
Baud rate	300 to 19 200 bps
Max number of M-Bus loads	20/80
Mounting	DIN rail (35•7,5/15)
Connectors M-Bus	Screw terminal, max. 2.5 mm <sup>2</sup>
Max number of Modbus-TCP clients	5
Connector Ethernet	100 MBit, RJ45, shielded
IP-address	Configurable or via DHCP
Certifications	CE
Electrical Characteristics	
Power supply	24VDC, <max. 2.5 mm <sup>2</sup>
Current consumption	Max 300 mA
Environmental Characteristics	
Operating temp	0 to 50 °C



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