M-Bus, Modbus, and Digital Pulses to Modbus

Item number: IN702MEB1000000

This gateway enables the simultaneous integration of Modbus devices and meters, M-Bus meters, and pulse meters into Modbus TCP and/or RTU systems systems.

M-Bus, Modbus, and Digital Pulses to Modbus - Up to 100 meters

Features and benefits

- **Multiple protocols supported on the meters side**
  Connect M-Bus meters, Modbus devices and meters (TCP and RTU), and pulse meters simultaneously.
- **Configuration with preset templates**
  Reduce commissioning time and avoid manual mapping errors. Replicate the configuration in multiple gateways by exporting and importing your project.
- **Flexible capacity**
  Licenses for 10, 20, 60, and 100 meters cover from small networks to large installations.
- **Embedded M-Bus level converter**
  Reduce costs and simplify integration by eliminating additional equipment.
- **Multiple protocols supported on the BMS side**
  Configure the gateway for Modbus (TCP and RTU), BACnet (IP or MS/TP), KNX TP, or MQTT.
- **M-Bus scanning function**
  Accelerate commissioning by importing the meters connected to the M-Bus bus to your project, including their variables.
- **Error detection of each meter**
  Improve service quality while reducing downtime and troubleshooting time.
- **Certified by UL, BTL, CE, UKPSTI**
  Ensure reliability in professional building automation environments.

M-Bus, Modbus, and Digital Pulses to Modbus

General

Capacity	Up to 100 meters
Net Width (mm)	106
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	125
Packed Height (mm)	85
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	0º
Operating Temperature °C Max	60º
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	17
Input Voltage (V)	24VDC +/-10%
Power Connector	3-pole
Configuration	Intesis MAPS
Installation Conditions	Install this gateway indoors, in a restricted access location, avoiding exposure to direct solar radiation, water, high relative humidity, or dust.
Content of Delivery	Intesis gateway, installation manual and USB configuration cable.

M-Bus, Modbus, and Digital Pulses to Modbus

General

Not Included (in delivery)	Power supply not included.
Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	IN702MEB1000000_MBS_MEB
Predecessor	INMBSMEB1000000
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No

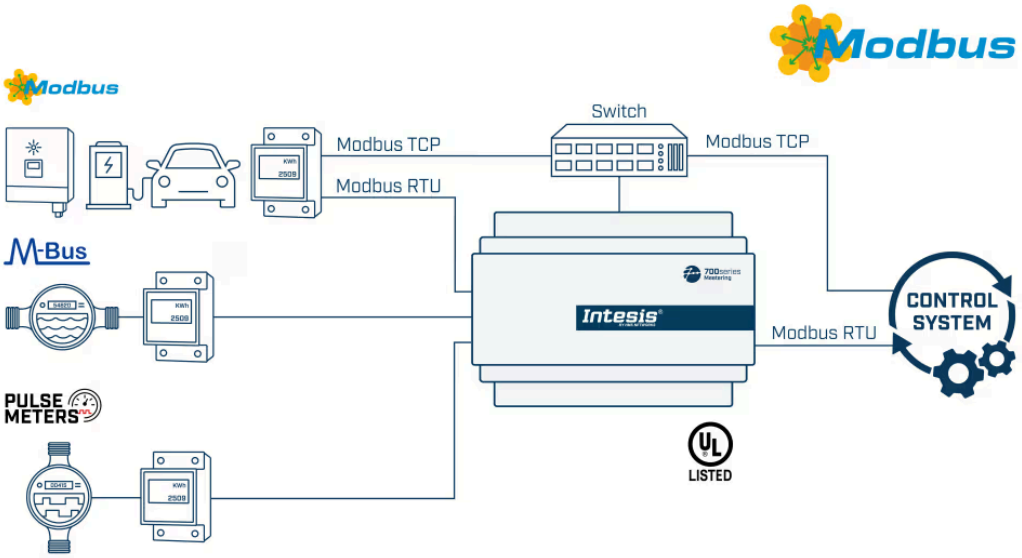
Physical Features

LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration.
Contains Battery	No

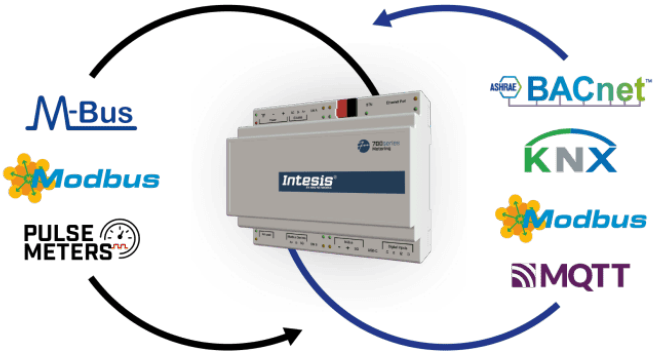
Certifications and Standards

Product Certifications	CE, CB, UL
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.



Use Intesis MAPS to configure the product for the device-protocol combination that best fits your project