



## M-Bus, Modbus, and Digital Pulses to Modbus

Item number: IN702MEB0600000

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 60 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.



| General                      |                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Capacity                     | Up to 60 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 | 0°                                                                                                                                                  |
| Operating Temperature °C Max | 60°                                                                                                                                                 |
| 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.                                                                                   |



## 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                                                            | IN702MEB0600000_MBS_MEB |
| Predecessor                                                           | INMBSMEB0600000         |
| Country of Origin                                                     | Spain                   |
| HS Code                                                               | 8517620000              |
| Dual Usage                                                            | No                      |
| Export Control Classification Number (ECCN) (Applies only to the U.S) | EAR99                   |

## Physical Features

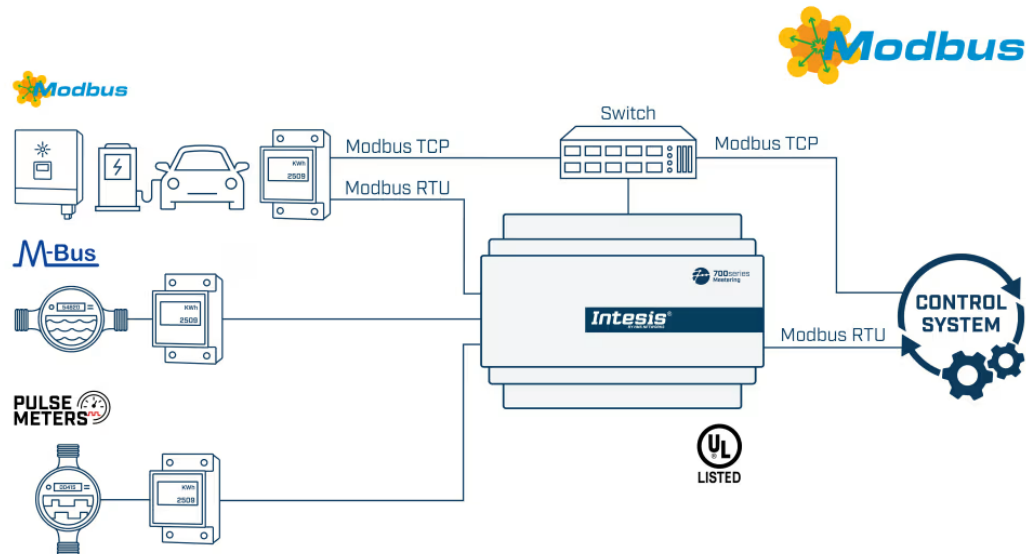
|                       |                                    |
|-----------------------|------------------------------------|
| LED Indicators        | Gateway and communication status.  |
| DIP & Rotary Switches | EIA-485 serial port configuration. |
| Contains Battery      | No                    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

## Certifications and Standards

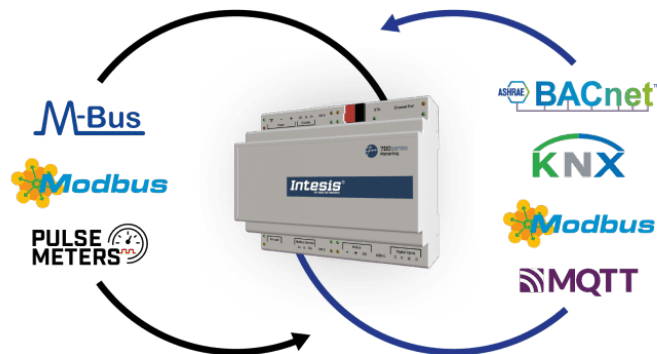
|                        |                                     |
|------------------------|-------------------------------------|
| Product Certifications | CE, CB, UL                          |
| WEEE Category          | IT and telecommunications equipment |



## Use Case



Integration example.



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