M-Bus Meters to Modbus TCP server

M-Bus Meters to Modbus TCP server - Up to 20 meters

Item number: IN712MEB0200000

Enable fast and cost-effective integration of M-Bus meters into Modbus TCP networks. Built-in M-Bus level converter and auto-discovery features reduce setup time and simplify commissioning.

Features and benefits

- **Two IP protocols supported on the BMS side: BACnet/IP or Modbus TCP**
  Reduce the inventory needs while completing the building automation catalog for metering networks integration.
- **Configurable inter-polling intervals (up to 48 hours)**
  Preserve the meter's battery life, particularly in low-power or retrofit environments.
- **Embedded M-Bus level converter**
  Reduce installation costs. No extra hardware is needed
- **Improved communication stability with advanced timeout settings**
  Support for a broader range of meters, even the most demanding or non-standard ones.
- **Flexible licensing to cover from small networks to large installations: 20 or 50 meters**
  Improve the project's scalability and reduce upfront costs.
- **Error detection of every meter device**
  Fast diagnostics and meter-level monitoring improve service quality and reduce troubleshooting time.
- **Reduce commissioning time, effort, and errors**
  Advanced commission features minimize manual input, including M-Bus scan to autodiscover M-Bus meters and import their signals, predefined configuration templates, project import/export to clone the project's configuration, and load it to all necessary gateways.
- **BTL-certified gateways**
  Easier to specify, sell, and deploy. This is a reliable product suitable for use in any project, even those with high regulatory requirements.

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General

Capacity	Up to 20 meters
Net Width (mm)	53
Net Height (mm)	93
Net Depth (mm)	58
Net Weight (g)	224
Packed Width (mm)	135
Packed Height (mm)	85
Packed Depth (mm)	100
Packed Weight (g)	386
Operating Temperature °C Min	-10º
Operating Temperature °C Max	60º
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	11
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 and installation manual.

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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	IN712MEB0200000_MBS_MEB
Predecessor	INMBSMEB0200100
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

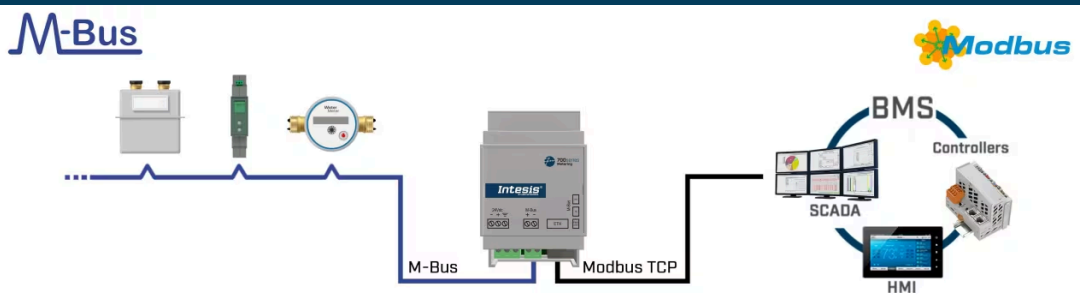
Physical Features

Contains Battery	No

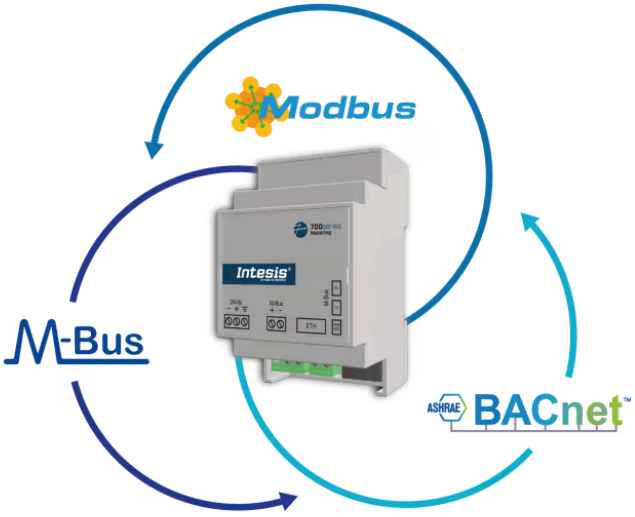
Certifications and Standards

Product Certifications	CE, CB
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.



Use Intesis MAPS to change the protocol: BACnet, Modbus, or M-Bus