

## M-BUS to KNX TP Gateway

Item number: INKNXMEB0100000

Integrate any M-Bus device with any KNX device or system. This integration aims to make M-Bus devices, their registers, and resources accessible from a KNX system as if they were a part of the KNX system and vice versa.



*M-BUS to KNX - 10 devices*

### Features and benefits

- ✓ **Easy commissioning**  
Integration and M-BUS commissioning processes are managed via the Intesis MAPS configuration tool.
- ✓ **Control up to 3000 KNX communication objects**  
Up to 3000 KNX communication objects can be controlled by the gateway.
- ✓ **Embedded M-Bus level converter**  
An M-Bus level converter is embedded in the gateway, so no external one is required.
- ✓ **Support for KNX TP devices**  
The gateway supports KNX TP (twisted pair) devices.
- ✓ **Automatic meter detection and register discovery**  
A scan function is available for automatic identification of M-Bus devices and registers discovery.
- ✓ **KNX standard datapoints (DPTs) support**  
KNX standard datapoints (DPTs) are supported, guaranteeing a simple KNX device/system integration.



| General                      |                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Width (mm)               | 88                                                                                                                                                                                                                                                                                                                                                                   |
| Net Height (mm)              | 90                                                                                                                                                                                                                                                                                                                                                                   |
| Net Depth (mm)               | 58                                                                                                                                                                                                                                                                                                                                                                   |
| Net Weight (g)               | 190                                                                                                                                                                                                                                                                                                                                                                  |
| Packed Width (mm)            | 127                                                                                                                                                                                                                                                                                                                                                                  |
| Packed Height (mm)           | 86                                                                                                                                                                                                                                                                                                                                                                   |
| Packed Depth (mm)            | 140                                                                                                                                                                                                                                                                                                                                                                  |
| Packed Weight (g)            | 227                                                                                                                                                                                                                                                                                                                                                                  |
| Operating Temperature °C Min | 0                                                                                                                                                                                                                                                                                                                                                                    |
| Operating Temperature °C Max | 60                                                                                                                                                                                                                                                                                                                                                                   |
| Storage Temperature °C Min   | -30                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Temperature °C Max   | 60                                                                                                                                                                                                                                                                                                                                                                   |
| Power Consumption (W)        | 14                                                                                                                                                                                                                                                                                                                                                                   |
| Input Voltage (V)            | 24VDC +/-10%.                                                                                                                                                                                                                                                                                                                                                        |
| Power Connector              | 3-pole                                                                                                                                                                                                                                                                                                                                                               |
| Configuration                | Intesis MAPS                                                                                                                                                                                                                                                                                                                                                         |
| Capacity                     | Up to 10 meters.                                                                                                                                                                                                                                                                                                                                                     |
| Installation Conditions      | This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit. |
| Content of Delivery          | Intesis gateway, installation manual.                                                                                                                                                                                                                                                                                                                                |



## General

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

## Identification and Status

|                                             |                 |
|---------------------------------------------|-----------------|
| Product ID                                  | INKNXMEB0100000 |
| Country of Origin                           | Spain           |
| HS Code                                     | 8517620000      |
| Dual Usage                                  | No              |
| Export Control Classification Number (ECCN) | EAR99           |

## Physical Features

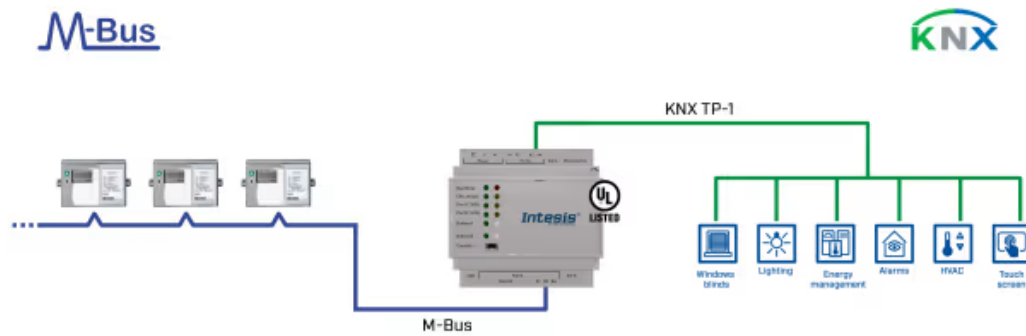
|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| Connectors / Input / Output | Power supply, KNX, MBUS, Ethernet, Console port USB, USB storage. |
| LED Indicators              | Gateway and communication status.                                 |
| Contains Battery            | Yes                                                               |
| Battery Description         | Manganese Dioxide Lithium button battery.                         |

## Certifications and Standards

|                     |                                     |
|---------------------|-------------------------------------|
| ETIM Classification | EC001604                            |
| CE                  | Yes                                 |
| CB                  | Yes                                 |
| UL                  | Yes                                 |
| WEEE Category       | IT and telecommunications equipment |



## Use Case



Integration example.