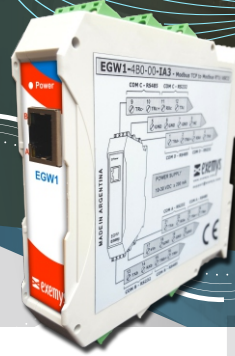


Modbus Serial to TCP Converter with Digital I/O

EGW1-IA3-MB



Industrial Model

The **EGW1-IA3-MB** module is a **Modbus Serial to Modbus TCP converter** designed to integrate any industrial equipment with **MODBUS RS232/485/422** communication into **Ethernet TCP/IP networks**.

A standout feature of this device is its built-in **Digital inputs and outputs**, setting it apart from similar devices. This feature provides a complete and self-contained solution for control applications, eliminating the need for additional modules and simplifying the system infrastructure.

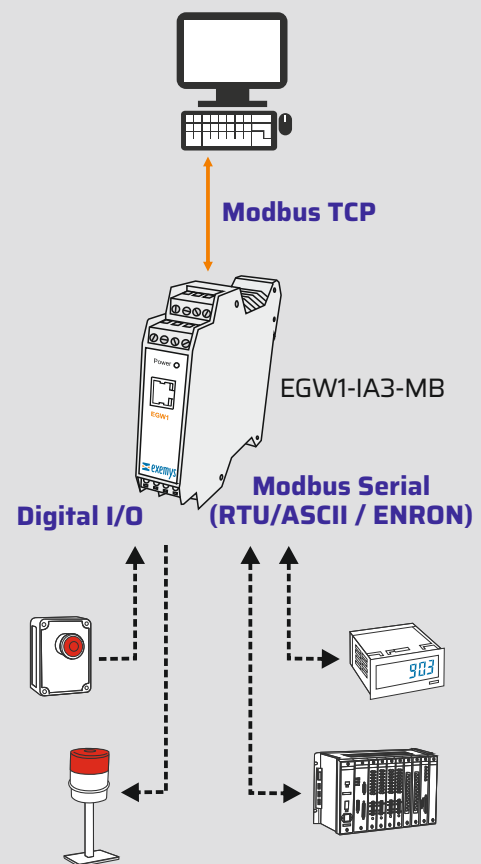
GENERAL FEATURES

- Supports Modbus TCP, Modbus Serial RTU/ASCII, and ENRON protocols
- Up to 16 simultaneous Modbus TCP connections
- RS232/485/422 port selectable via software, up to 115 Kbps
- 10 Digital I/Os controllable via Modbus
- Installation and configuration via Web Browser, Telnet, or Serial Port
- Software for discovering Exemys devices on the network
- Industrial-Grade Design:
 - DIN rail mounting, flame-retardant industrial enclosure
 - Removable industrial terminal blocks
 - Wide power supply range: +10 to +30 Vdc

APPLICATIONS

- PLC and SCADA Systems
- Industrial Automation and Home Automation
- Remote Monitoring Systems
- Access Control and Security Systems
- Energy Network Management
- Water and Waste Management Systems
- Environmental Control
- Smart Lighting Systems
- HVAC Management
- Industrial Process Control
- Refrigeration System Monitoring
- Solar Energy System Management

Modbus Serial to TCP Conversion



Protocols supported

- Modbus RTU/ASCII
- Modbus TCP
- Modbus ENRON

TECHNICAL SPECIFICATIONS

- **Network Protocols:** Modbus TCP / IP / IP, DNS, http, DHCP, ICMP, ARP, SNMP.
- **Network Interface:** Ethernet 10/100 BaseT, RJ45 connector.
- **Serial Protocols:** Modbus RTU / Modbus ASCII / Transparent
- **Serial Interface:** Up to 4 RS232/RS485 serial ports in pluggable terminal blocks.
- **Devices Supported:** Any device with Modbus RTU, ASCII y TCP
- **Management:** HTTP Server, password protected. RS-232 Serial console
- **System Firmware:** From WEB site
- **Indicators:** Status Led, Data/Link Led.
- **Dimension:** 100 mm x 22,5 mm x 112 mm (H x W x L).
- **Power supply:** 10 a 30 [Vdc].
- **Consumption:** 70 mA at +12Vdc / 40 mA at +24Vdc
- **Temperature:** Operating temperature: 23 to 149 °F (-15 to 65 °C).
Storage temperature: -40 to 167 °F (-40 to 75 °C).
- **Guarantee / Support:** 1-year guarantee. Technical support included.



ORDERING CODES

PARTE n°	DETAILS
EGW1-4B0-00-IA3-MB	4 serial ports RS232/RS485 (configurable)
EGW1-1C0-00-IA3-MB-IS	1 serial port RS232/RS485/RS422 Isolated
EGW1-1C0-10C-IA3-MB-IS	1 serial port RS232/RS485/RS422 Isolated + 10 Configurable Digital I/O



IRAM-ISO 9001:2015



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