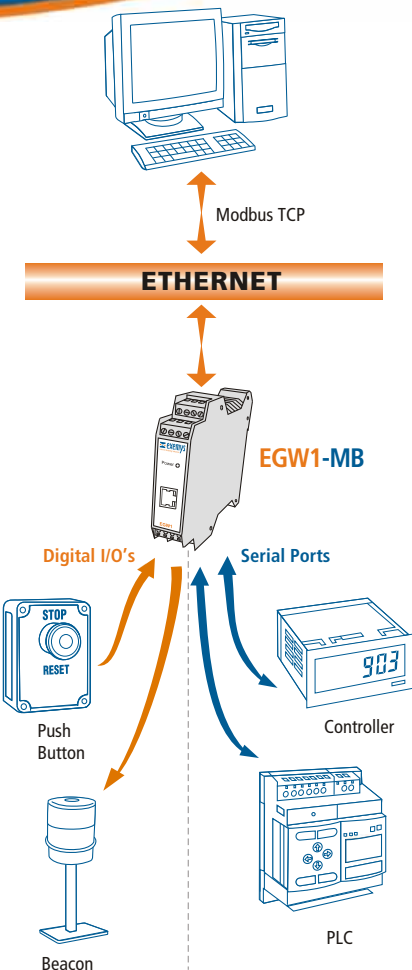


EGW1-MB

**MODBUS TCP to MODBUS
ASCII / RTU Converter
with Digital I / O's**

EGW1-MB is a device used to connect any Modbus serial communication industrial equipment to an Ethernet network.

Devices approved by:



EGW1-MB is a protocol converter designed for industrial applications where all equipment involved uses Modbus TCP, Modbus ASCII or Modbus RTU communications.

EGW1-MB can connect PLC's, drives, temperature controllers, bar-code readers, vision systems, and any other type of serial communication industrial equipment.

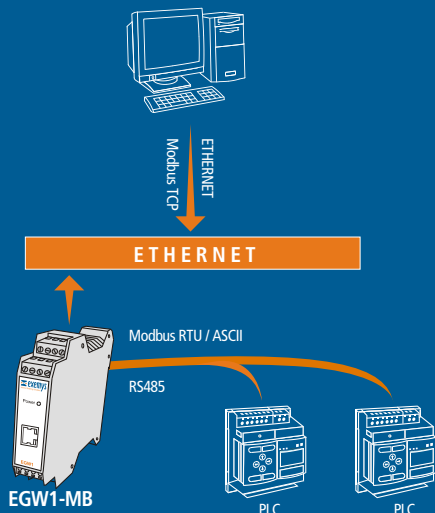
FEATURES

- DIN Rail mounting, temperature-resistant Industrial Case.
- Modbus TCP, ASCII, RTU Protocols.
- Modbus Master or Slave.
- Baud rate: up to 115 Kbps.
- Digital I/O's controlled by Modbus.
- RS232/RS485/RS422 selection via software.
- Easy to install and set up via serial, Telnet or a Web Browser.
- Wide range power supply (9 to 26 Volts AC / 9 to 30 Volts DC).
- Modbus TCP Multimaster.
- Device search utility.

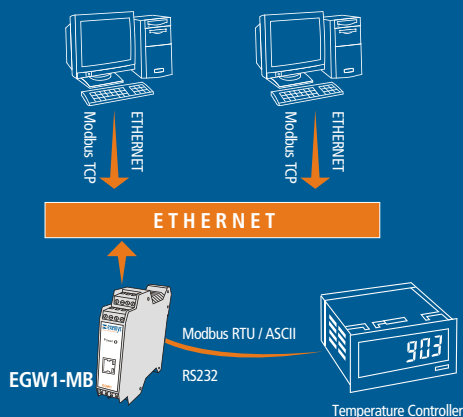


APPLICATIONS

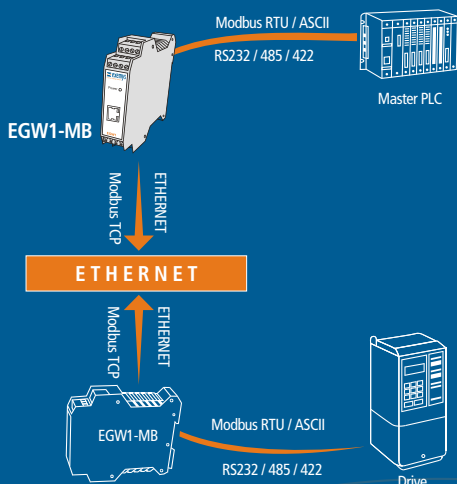
1. Direct connection of devices using the Modbus ASCII / RTU protocols to Modbus TCP SCADA.



2. Multi-Master Connection



3. Master-Slave Connection



SPECIFICATIONS

- **Network Protocols:** TCP / IP, UDP, TELNET, HTTP, DHCP, ICMP, ARP, MODBUS TCP.
- **Network Interface:** Ethernet 10 BaseT, RJ45 connector.
- **Serial Protocols:** MODBUS ASCII, MODBUS RTU.
- **Serial Interface:** RS232/485/422/ serial ports in pluggable terminal blocks.
- **Devices Supported:** Any RS232/485/422 Serial Port device using Modbus Protocols Requiring Ethernet access.
- **Inputs/Outputs:**
Inputs: NPN Sinking, 3.5 to 28 Volts DC, 1 to 11mA max.
Outputs: NPN Sourcing, high drive, open collector, 3 to 45 Volts DC, 130 mA max. per channel.
 Industrial pluggable terminal blocks.
- **Management:** HTTP Server, password protected.
TELNET Console, password protected.
Serial RS232 Console.
- **System Firmware:** Downloadable via programming cable (optional).
- **Indicators:** Status Led, Data/Link Led.
- **Dimension / Weight:** 4.49 x 3.94 x 0.89 in. (HxWxL).
(114 x 100 x 22.5 mm).
0.31 Lbs (0.140 Kg).
- **Power supply:** Must be from a Class 2 or LPS source.
9 to 26 Volts AC.
9 to 30 Volts DC.
200 mA max.
- **Environmental:** Operating temperature: 23 to 149 °F (-5 to 65 °C).
Storage temperature: -40 to 167 °F (-40 to 75 °C).
- **Optional Accessories:** Programming cable.
- **Guarantee / Support:** 1-year guarantee. Technical support included.

ORDERING INFORMATION

PART NUMBER	ETHERNET	SERIAL PORTS			DIGITAL		
		RS232	RS485	RS422	INPUTS	OUTPUTS	CONFIG.
EGW1-1C4C-IA-MB	10 BaseT	1	1	1	---	---	4 (*)
EGW1-1044-IA-MB	10 BaseT	1	---	---	4	4	---
EGW1-2044-IA-MB	10 BaseT	2	---	---	4	4	---
EGW1-114C-IA-MB	10 BaseT	1	1	---	---	---	4
EGW1-224C-IA-MB	10 BaseT	2	2	---	---	---	4

(*) Only one configurable serial port

ISO 9001:2000



For technical support please contact:
support@exemys.com

For sales please contact:
sales@exemys.com

www.exemys.com

Exemys products are in constant evolution to satisfy our customers needs. For that reason, the specifications and capabilities are subject to change without prior notice. Updated information can be found at www.exemys.com
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