

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

## EGW1-MB



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

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.



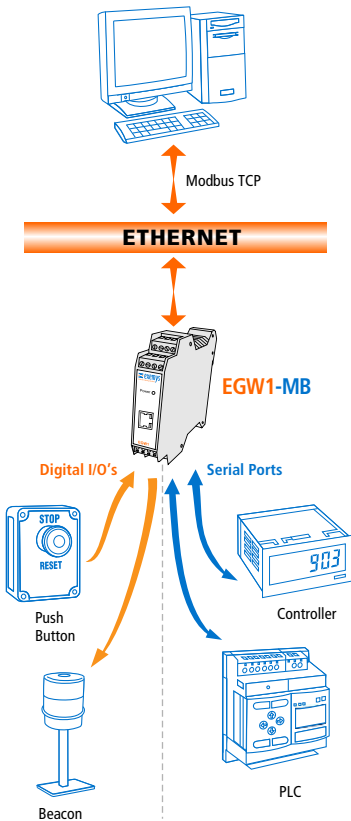
### APPLICATIONS

1. Direct connection of devices using the Modbus ASCII / RTU protocols to Modbus TCP SCADA.
2. Multi-Master Connection
3. Master-Slave Connection

# EGW1-MB



## TECHNICAL FEATURES



- **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 (-15 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

Certificate of registration ISO 9001:2008



GESTION DE LA CALIDAD

RI-9000-6174

Asociación para OAA



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