

MODBUS TCP to DF1 Converter

EGW1-MB-DF1



EGW1-MB-DF1 shortens the gap between your pre-existent Modbus TCP application and any DF1-enabled device.

EGW1-MB-DF1 is an easy to use Modbus TCP to DF1 Gateway. It is designed to gain access to any PLC with DF1 connectivity using any Modbus TCP device. Protocol conversion is based on easy-to-fill translation tables. Map Input, Output, Integer, Bit and Status Files into Discrete Inputs, Coils, Input Registers and Holding Registers.



FEATURES

- DIN Rail mounting, temperature-resistant Industrial Case.
- Up to 8 Modbus TCP concurrent slaves.
- DF1 Full Duplex Protocol.
- Baud rates up to 115200 bps.
- Embedded Modbus TCP slave with Digital I/Os and statistics report.
- Easy to install and set up via a serial console, a telnet-like console or a Web Browser.
- Wide range power supply (10-30V DC).
- Up to 8 Modbus TCP concurrent connections.
- Device search utility for instant detection of the gateway.



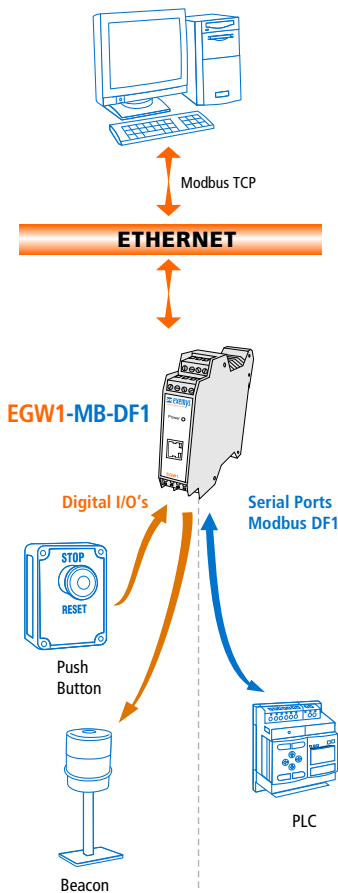
APPLICATIONS

1. Direct connection of one device using Modbus TCP Master.
2. Multi-Master Connection
3. Master-Slave Connection

EGW1-MB



TECHNICAL FEATURES



- **Network Protocols:** TCP / IP, HTTP, ICMP, ARP, MODBUS TCP.
- **Network Interface:** Ethernet 10 BaseT, RJ45 connector.
- **Serial Protocols:** DF1 Full Duplex.
- **Serial Interface:** RS232 serial port in pluggable terminal blocks.
- **Devices Supported:** Any DF1 enabled device, such as PLCs and HMIs.
- **Embedded Inputs/Outputs:**
Inputs: Sinking, 3.5 to 28 Volts DC, 1 to 11mA max.
Outputs: 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-like 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:** 10 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 warranty. Technical support included.



ORDERING INFORMATION

PART NUMBER	SERIAL PORT RS232	DIGITAL		
		INPUTS	OUTPUTS	CONFIG.
EGW1-1044-1A-MB-DF1	1	4	4	---

Certificate of registration ISO 9001:2008



For technical support please contact: support@exemys.com

For sales please contact: sales@exemys.com