



GT200-DP-MT

Modbus TCP / PROFIBUS DP Gateway

Introduction

The GT200-DP-MT gateway enables seamless connectivity between Modbus TCP and PROFIBUS DP network. It can connect multiple Modbus TCP Client/Server devices to PROFIBUS DP network and establishes a reliable communication channel between them.

Real-time network monitoring:

Built-in network status monitoring function, real-time monitoring of the device connection status on the PROFIBUS DP or Modbus TCP side to ensure the continuity of device online and data transmission.



Efficient communication mode:

Provides two output command modes, serial and parallel, to meet diverse communication needs and improve the overall communication efficiency of the system.



Ease of use

Users can refer to the product manual to quickly configure a data connection that meets their need.



Wide range of applications

Functions as Modbus TCP client or server.

Up to 36 Modbus TCP devices can be connected to PROFIBUS DP.



Typical Application



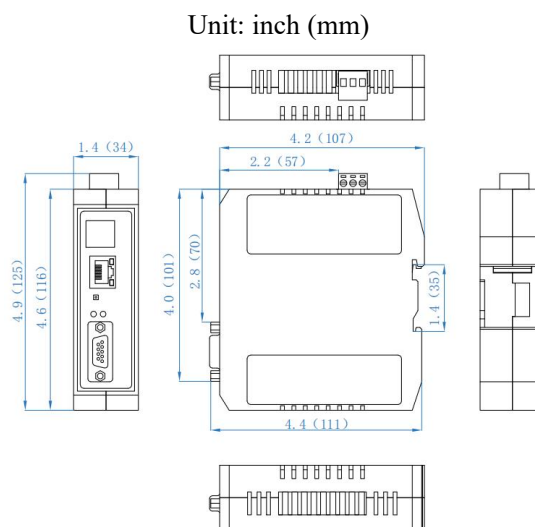
The GT200-DP-MT gateway can connect Modbus TCP devices to PROFIBUS DP master. It can connect up to 36 Modbus TCP client/server devices to a PROFIBUS DP and establishes a reliable communication.

- PROFIBUS DP Controllers supported: Siemens 1500/1200/400/300 PLC and DCS with PROFIBUS DP port..
- Modbus TCP devices supported: Schneider PLC, Siemens PLC, SCADA, KEPServerEX and other systems.

Technical Specifications

PROFIBUS DP Features	
Operation Mode	PROFIBUS DP Slave
Protocols	Supports PROFIBUS DP V0 protocol
Maximum Input and Output Bytes	244 in/out
Modbus TCP Features	
Operation Mode	Modbus TCP Client, Modbus TCP Server
Maximum Modbus TCP Server Devices	36
Maximum Number of Commands (Client Mode)	128
Supported Function Code (Client Mode)	01H, 02H, 03H, 04H, 05H, 06H, 0FH, 10H
Electrical / Environmental	
DC Input Voltage	24 VDC (9V-30V), 250mA (24VDC). Power interface isolation: 1.5KV.
Operating Temperature	-40°F to 158°F (-40°C to 70°C); Humidity 5% to 95%
Certification	CE Compliant
Physical	
Dimensions (W x H x D)	1.33 x 4.56 x 4.21in 34 x 116 x 107.4 mm
Mounting	35mm (1.4in) DIN Rail
Ethernet Port	10/100 Base-T, RJ45 Connector
Power Interface	3-Pin Terminal Block

Dimensions



Product Recommendations

Model Name	Network Interface 1	Network Interface 2
GT200-PN-MT	PROFINET	Modbus TCP
GT200-DP-EI	PROFIBUS	EtherNet/IP