



GT200-DPM-PN

PROFIBUS DP / PROFINET Gateway

Introduction

The GT200-DPM-PN gateway connects multiple PROFIBUS DP devices to PROFINET controllers. Supporting PROFINET MRP and System Redundancy (S2), it ensures enhanced network reliability and robust operation.

Features

High Real-Time Performance

The internal protocol data exchange cycle is 10 ms, enabling fast transmission and guaranteeing real-time performance and high efficiency.



Ease of Use

The configuration software supports easy import of PROFIBUS DP GSD files, parameter setup, and mapping to the PROFINET network.



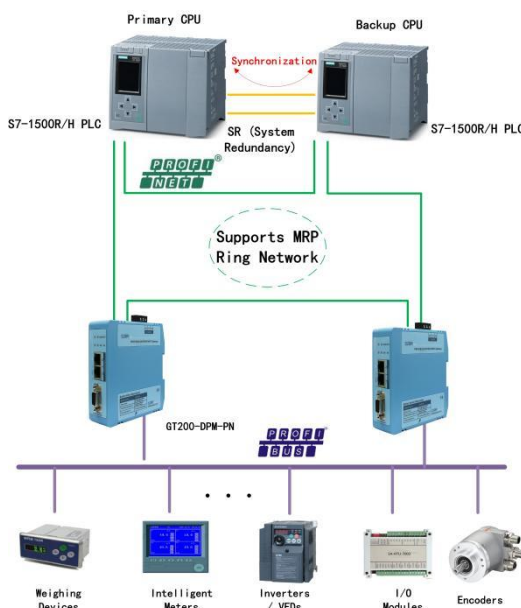
High-Capacity Processing

Supports large-capacity data exchange with up to 1440 bytes of I/O data. Supports PROFINET RT/IRT for high-speed, deterministic communication in complex architectures.



Wide Range of Applications

Supports PROFIBUS devices, including sensors, frequency drives, I/O modules, and weighing devices. Supports connection of up to 125 devices to a PROFINET controller.



Typical Application

The GT200-DPM-PN gateway connects multiple PROFIBUS DP devices to PROFINET controllers.

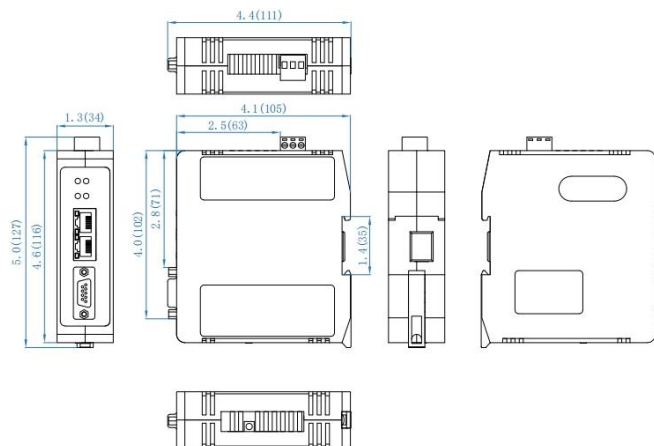
- Supports standard PROFINET controllers such as Siemens S7-1200 and S7-1500.
- Supports PROFIBUS DP Devices: sensors, I/O modules, frequency drives, weighing devices, etc.
- Supports PROFINET MRP and System Redundancy (S2).

Technical Specifications

PROFIBUS DP Features	
Operation Mode	PROFIBUS DP Master V0
Max. Number of Devices	Up to 125
Baud Rate	9.6 kbps to 12 Mbps
Status Word	Monitors device connection status
PROFINET Features	
Operation Mode	PROFINET RT /IRT Device
Redundancy	Supports MRP ring redundancy and System Redundancy (S2)
Max. I/O Data Size	1440 bytes (input/output)
Internal Processing Delay	10ms
Electrical / Environmental	
Power Supply	24 VDC (9V-30V DC), 160mA @ 24V DC
Operating Temperature	-4°F to 140°F (-20°C to 60°C) Humidity 5% to 95%, non-condensing
Physical	
Dimensions (W x H x D)	1.3 in x 4.6 in x 4.1 in (34mm x 116mm x 105mm)
Mounting	35mm (1.4in) DIN Rail

Dimensions

Unit: Inch (mm)



Product Recommendations

Model Name	Interface 1	Network Interface 2
GT200-DPM-EI	PROFIBUS DP	Modbus TCP & EtherNet/IP
GT200-PN-3RS	Modbus	PROFINET