

Introduction

GT200-PN-DM is a gateway which can provide a seamless connection between PROFINET and DeviceNet network. It can connect multiple DeviceNet adapters to PROFINET network.

Features and Benefits

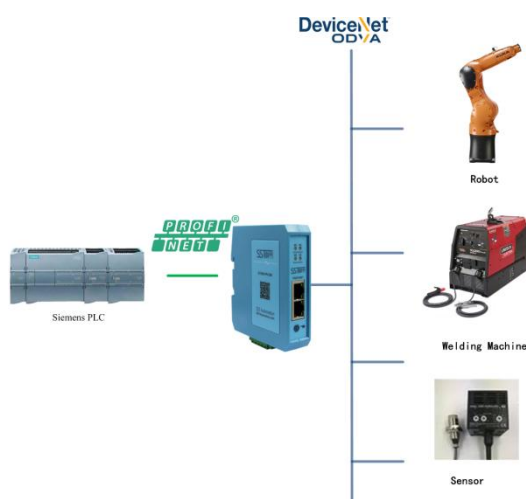
- Easy to Use: Users can refer to the product manual to quickly configure a data connection
- Wide Applications: Any device with a DeviceNet interface can be connected to a PROFINET network
- 2 Ethernet ports, supports daisy chain connection, built-in Ethernet switch function
- RT and IRT protocols supporting standard PROFINET
- Up to 63 devices can be connected, supporting a maximum of 1440 bytes of input/output
- Support PROFINET monitoring of DeviceNet adapter connection status
- Easy-to-use configuration software SST-DNET-COM, support device search, that is, scanning DeviceNet adapters online through SST-DNET-COM software



Interfaces

DeviceNet port	DeviceNet Interface	24V DC,CANH,CANL
Ethernet RJ45*2	PROFINET Interface	10/100M
Button	Switch Gateway Mode	Run, Configure, Debug
Indicators	MS/NS	Green, Red, Orange
dip switch	120Ω	ON/OFF

Typical Application



GT200-PN-DM gateway can connect DeviceNet devices to PROFINET network. GT200-PN-DM gateway is a bridge in the communication network and implements the conversation between DeviceNet and PROFINET.

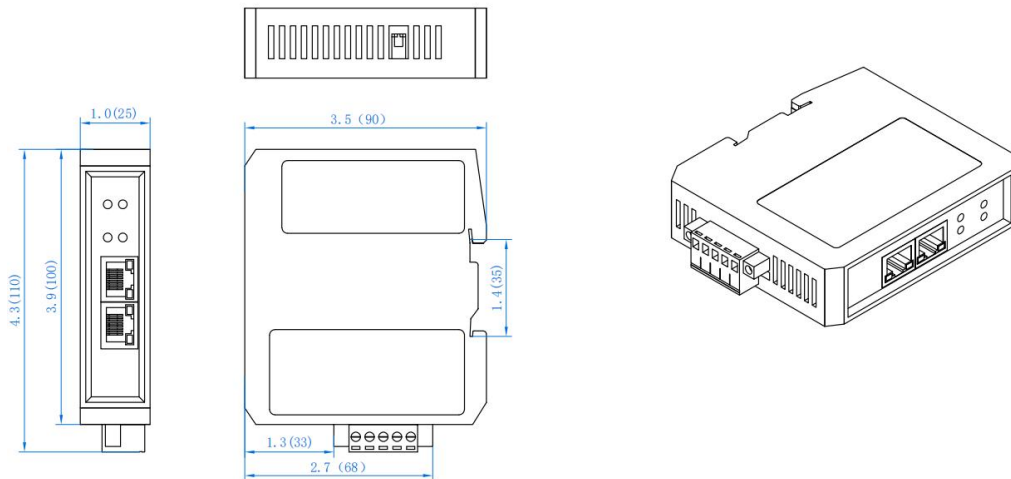
- PROFINET Controller: Siemens 300,400,1200,1500 PLC and so on.
- DeviceNet Adapters: ABB, KUKA, FUNUC Robot, Welding machine, Sensor and so on.

Technical Specifications

PROFINET Features	
Operation Mode	PROFINET Device
Maximum Input and Output Bytes	1440 bytes input, 1440 bytes output
Maximum slots	A maximum of 32 slots
Protocols	Support for standard PROFINET RT and IRT protocols
Real-time capability	Approximately 10ms
DeviceNet Features	
Operation Mode	DeviceNet Scanner
Maximum number of adapter connections	63 adapters
Supported two modes	Pre-operation and Operation
Electrical / Environmental	
DC Input Voltage	24 VDC (9 to 30 VDC)
Operating Temperature	-40°F to 158°F (-40°C to 70°C); Humidity 5% to 95%
Certification	CE Compliant
Physical	
Dimensions (W * H * D)	1 x 3.9 x 3.5 in 25 x 100 x 90 mm
Mounting	DIN Rail(35mm)
Ethernet Port	10/100 Base-T, RJ45 Connector
Power Interface	5-Pin Terminal Block

Dimensions

Unit: inch



Product Recommendations

Module Name	Network Interface 1	Network Interface 2
GT100-PN-DM	PROFINET IO Device	DeviceNet (Adapter/Scanner)
GT200-MT-DN	Modbus TCP Server	DeviceNet (Adapter/Scanner)