



GW-7552 PROFIBUS/Modbus Gateway

Specifications

CPU	80186, 80MHz
Flash	512K Bytes
SRAM	512K Bytes
EEPROM	16K Bytes
Watch Dog Timer	CPU Built-in
COM 1	RS-232(3 wires)/RS-422/RS-485
Baudrate	Up to 115.2Kbps
PROFIBUS Interface	9-pin D-Sub(Female)
PROFIBUS Controller	Siemens SPC3
PROFIBUS Transceiver	ADI ADM2486 iCoupler Isolated Transceiver
Transmission Rate	Up to 12Mbps
Power Requirement	10V ~ 30V
Power Consumption	2.5W
Operating Temp.	-25° ~ +75°
Storage Temp.	-30° ~ +85°
Humidity	5% ~ 95%
Dimensions	119x72x33 mm

Features

Protocol & Hierarchy	DP-V0 Slave
Supports PROFIBUS Transmission Rate (Kbps)	9.6, 19.2, 45.45, 93.75, 187.5, 500, 1500, 3000, 6000, 12000
Transmission Rate Setting	detected automatically
Max Input Data Length	128 Bytes
Max Output Data Length	130 Bytes
Address Setting	0~126 set by DIP switch
Supports Modbus Mode	Master/Slave
Supports Modbus Format	RTU/ASCII
Hybrid COM 1	RS-232/422/485 with "Self Tuner" inside
Supports COM 1 Baudrate (Kbps)	2.4, 4.8, 9.6, 19.2, 38.4, 57.6, 115.2
Supports COM 1 Data Format	7/8 data bits, No/Odd/Even parity, 1/2 stop bit
Indicators	PWR, ERR, and RUN LEDs
Network Isolation Protection	High Speed iCoupler
DC Isolation Protection	3000VDC on PROFIBUS side