

PROFIBUS DP to Serial Gateway

AG-P001



Introduction

The Agiligate is a gateway/converter between PROFIBUS DP and Serial/MODBUS.

On the PROFIBUS side it is a DP slave. On the Serial/MODBUS side master or slave. The parameters and behavior are configured through the GSD file in the configuration tool of the PROFIBUS master.

Product features

MODBUS Specifications

- Protocols: RTU or ASCII
- Interface: RS 232 or RS 485 (both with NRZ Half duplex)
- Access method: Master or slave
- Supported functions: 1, 2, 3, 4, 5, 6, 7, 15, 16, 23
- Number of accessible devices: 20
- Number of accessible registers: 1 - 122 Read/Write (300 total)
- Supported baudrates: 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600
- Termination: 120 Ohm switchable

PROFIBUS Specifications

- Connector: DB9
- Baudrate: Max. 12 Mbps
- Bus address: Rotary switches
- I/O: 244 bytes in / 244 bytes out (300 total)

Mechanical and Electrical Specifications

- Power supply: 10 – 30 VDC – 1,5 W