

Fieldgate SFG500

Intelligent Ethernet/PROFIBUS gateway

Parallel access to PROFIBUS networks,
monitoring of PROFIBUS and HART device
status



Benefits:

- PROFIBUS listener and Master Class 2: automatically integrates itself into a PROFIBUS network and finds all connected devices
- HART support via PROFIBUS: HART device support and device diagnostics
- PROFIBUS observer: monitors network traffic and device diagnostics
- Web Server: provides a clear presentation of network and diagnosis information via Web Browser or FDT/DTM frame application
- SFGNetwork DTM: finds all SFG500 Fieldgates present in an Ethernet domain and displays their PROFIBUS connections
- Fieldgate Module SFM500: activates functions for process value and diagnostic display

Specs at a glance

- **Input** PROFIBUS DP/V1, Master Class II, Listener
- **Output** Ethernet 10Base-T/100Base-TX

Field of application: Fieldgate SFG500 is a system component that provides an independent access route to a PROFIBUS network. It may be used in a variety of applications that are supported by specific operating modes. Fieldgate SFG500 may be used in a variety of applications that are supported by specific operating modes. The operating modes are determined by the use of an optional memory card (Fieldgate Module SFM500).

Features and specifications

Fieldbus components**Measuring principle**

Fieldgate

Function

Ethernet/PROFIBUS DP gateway with integrated Web server

Input

PROFIBUS DP/V1, Master Class II, Listener

Output

Ethernet 10Base-T/100Base-TX

Power supply

18 VDC - 36 VDC

Dimensions (WxHxD)

142.0 mm x 70.0 mm x 114.0 mm; (5.6" x 2.8" x 4.5")

Communication interface

Web-Server, via standard Web browser

Configuration

Via Web-Server

Certificates

TÜV NRTL according to EN/IEC/UL/CAN/CSA C22.2-No.

61010-1

CE gemäß EN/IEC 61131-2: 2007