

Fieldgate PAM SFG600

HART over PROFINET



More information and current pricing:

www.au.endress.com/SFG600

Benefits:

- Industrial, robust and fully configured Fieldgate.
- Easy to connect via Plug and Play.
- Network complexity is not apparent due to fully automatic network scan for all HART devices connected to the Siemens ET 200SP in PROFINET systems.
- When used in conjunction with the Field Xpert SMT70 tablet PC, it's as straightforward as if the device were right in front of you and directly connected to the tablet, even in larger industrial plants.
- In combination with the Field Xpert SMT70 tablet PC, the device offers a unique, open, FDT-based PAM system for HART via PROFINET with Siemens ET 200SP remote I/O assemblies (no vendor lock-in).
- Provides access for entire maintenance teams with up to ten mobile operators and up to 1024 HART devices in a single PROFINET segment of a system.

Field of application: The Fieldgate PAM SFG600 is a device configuration management gateway and supports HART devices via PROFINET networks. The HART devices must have a unique device TAG. The devices must be in operation with a PROFINET controller and operated via the Siemens assembly ET 200SP with the 4x1 2-wire HART analog modules with HART capabilities. During production, the Fieldgate is configured with the IP address supplied by the customer at the field network interface, and connected to the PROFINET.

Features and specifications

Fieldbus components

Measuring principle

Fieldgate

Fieldbus components

Function

Device configuration management gateway supports HART devices via PROFINET networks

CPU

Intel Core i5 processor 7300U 2.6 GHz Dual Core

Memory

SO-DIMM DDR4, 8192 MByte

Hard disk drive

CFast 64 GByte MLC

Power supply

24 VDC $\pm 25\%$, SELV

Dimensions (WxHxD)

221.5 mm x 54 mm x 248.3 mm (8.72 " x 2.12" x 9.77")

Communication interface

1x Ethernet PROFINET RJ45 (ETH1)

1x Ethernet PAM Client RJ45 (ETH2)

1x Ethernet service RJ45 (IF Option 2)

Fieldbus components

System requirements

PROFINET remote I/Os

Siemens ET200SP IM155-6PN HF

Order code: 6ES7 155-6AU00-0CNO

HART module with Siemens ET200SP IM 155-6PN HF

Module 4x1 2-wire HART

Order code: 6ES7 134-6TD00-0CA1

Certificates

CE mark

UL

CCC

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