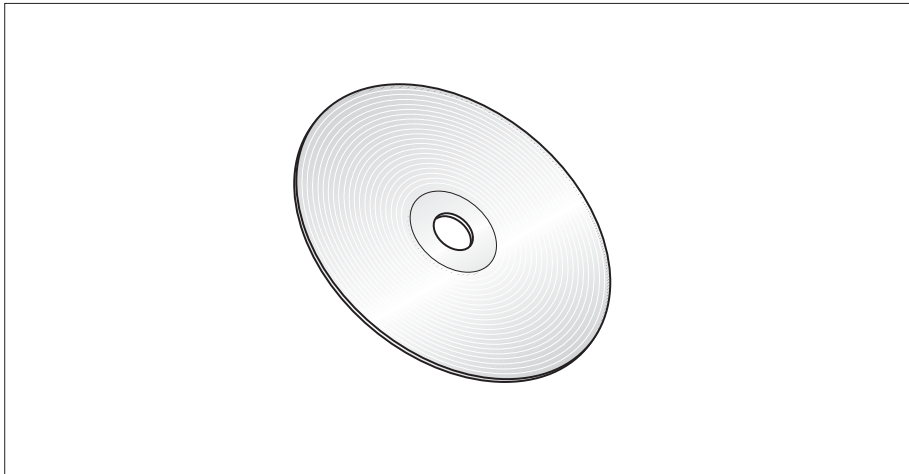


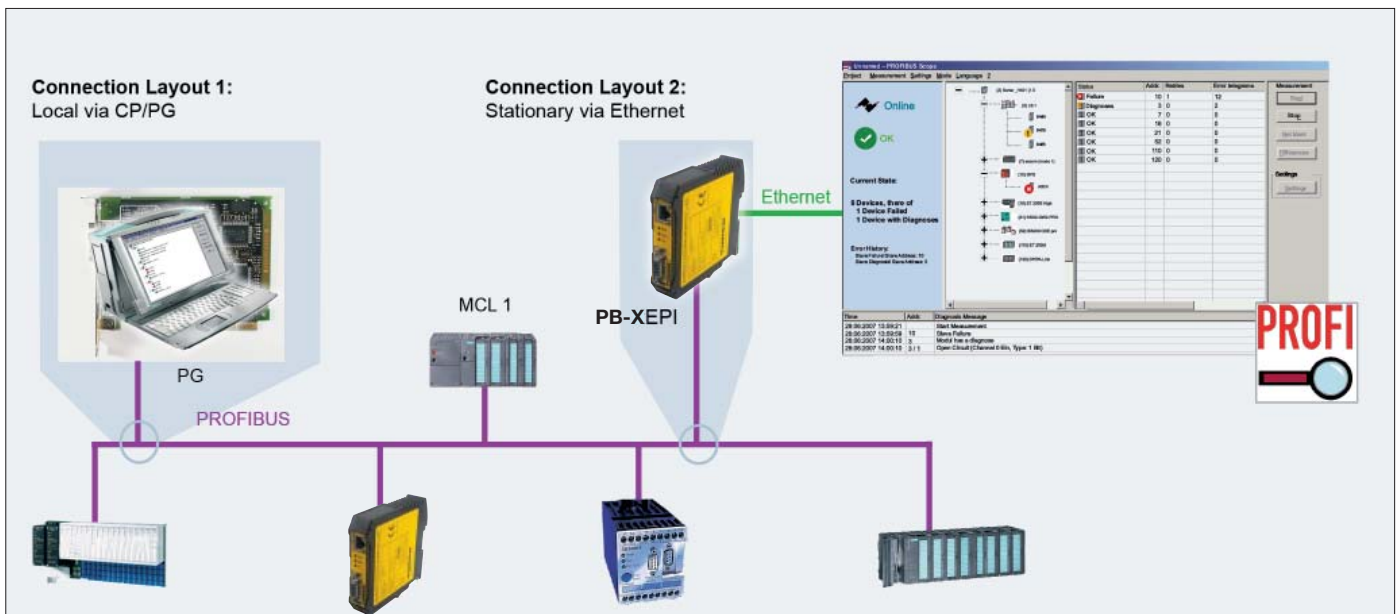
Diagnosis – Analysis – Qualification PB-SCOPE-SW



The PB-SCOPE-SW is an indispensable tool for commissioning, FAT/SAT, acute troubleshooting as well as during operation of PROFIBUS installations. Regular or permanent network monitoring allows identification of any failures at a very early stage, and enables you to take measures for preventive maintenance. This in turn minimizes downtime and increases plant availability. Designed with great emphasis on user friendliness, the PB-SCOPE-SW provides efficient monitoring of the bus status for any user, including those without extensive PROFIBUS knowledge. Due to its clearly arranged Four-Window design with graphical status display and diagnosis messages in plaintext, all relevant information on network status and network stations is available at one single glance. Any occurring failures can be identified in a quick and targeted way.

The flexibly adaptable hardware concept of the PB-SCOPE-SW enables not only connection via Siemens standard hardware for on-site measurements, but also plant-wide network monitoring via Ethernet. Temporary or permanent measurement access through the ETHERNET-PROFIBUS-Interface (PB-XEPI) mounted on a top-hat rail supports preventive maintenance of PROFIBUS networks. Automatic documentation of measurement results is a great benefit particularly during commissioning and also for reference and comparison measurements. It is due to this feature that the PROFIBUS Scope is recommended as qualified testing tool for plant commissioning (e.g. in pharmaceutical industries) both in manufacturer-specific specifications and in the PNO Guideline: „Validation of PROFIBUS Systems“.

- **Diagnosis concept for the entire plant life cycle**
- **Network monitoring in clear Four-Window design**
- **Parallel display of current and historic information**
- **Graphical status display and diagnosis messages in plaintext**
- **Identification of critical network stations per mouse click (TOP 10 – one click)**
- **Analysis of key figures for network monitoring**
- **Live List in clearly arranged matrix design**
- **Extensive search, trigger and filter functions for record analysis**
- **Monitoring of cyclic I/O data**
- **Alert in case of failures by email/text message**
- **Flexibly adaptable hardware concept (for measurements on-site and stationary)**
- **Automatic documentation of measurement results**
- **License-free reader mode of monitored data**



PB-SCOPE-SW

Type	PB-SCOPE-SW		
Ident-no.	6900448		
Hardware	CP5611 Short PCI Bus Card	CP5512 PC-CardType 2 (CardBus, 32 Bit)	PB-XEPI ETHERNET-PROFIBUS-Interface
Protocols	DP, DP-V1, FMS, FDL/MPI, PA	DP, DP-V1, FMS, FDL/MPI, PA	DP, DP-V1, FMS, FDL/MPI, PA
Transmission rate	max. 12 Mbps	max. 12 Mbps	max. 1,5 Mbps
System requirements	Operating systems: Windows® 2000/XP/Server 2003 USB slot: USB Version 1.1 (or higher) – for the Hardware dongle (License) PROFIBUS communication processor: CP5512, CP5611, PG with integrated CP5611, PB-XEPI		
Scope of delivery	<ul style="list-style-type: none"> • Installation CD • Hardware dongle • Installation Guide 		

Optional

PROFIBUS SCOPE incl. communication processor:

- PB-SCOPE-5512 Ident-no.: 6900446
- PB-SCOPE-5611 Ident-no.: 6900447

ETHERNET-PROFIBUS-Interface:

- PB-XEPI Ident-no.: 6905313

Active PROFIBUS cable:

- PB-SCOPE-CABLE Ident-no.: 6900445



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