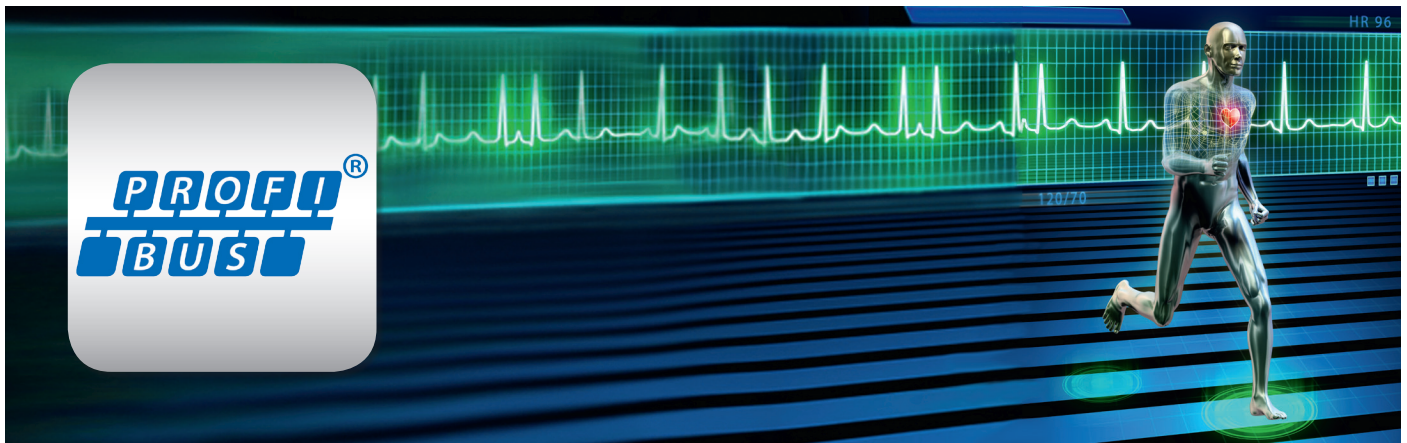# PROFIBUS DIAGNOSTICS

Portable and stationary test tools

Softing's products meet all the requirements for PROFIBUS diagnostics across the entire network life cycle. The products are designed for use during installation, commissioning and operation of the network. This enables users to achieve greater efficiency in the operation and maintenance of their PROFIBUS networks and reduce the risk of network failure.

COMMISSIONING AND TROUBLESHOOTING

PROFIBUS Tester 5 BC-700-PB

is a powerful diagnostic and troubleshooting tool for testing the cables, measuring the signals and analyzing the communication in PROFIBUS DP networks. The internal rechargeable battery and the graphic display allow easy mobile use. Optionally, the tool can also be used to analyze PROFIBUS PA networks.

Order number: DDA-NN-006014

PROFIBUS Diagnostics Suite

is a PC software application with extended diagnostic functionality for all PROFIBUS diagnostic tools of the bus check family. It allows performing, evaluating and managing tests of bus physics, bus communication and cabling in PROFIBUS networks. A quick test is available at a click of the mouse.

Order number: PB-DIAG-SUITE

Fieldbus Shield Digital Leakage Current Clamp

measures leakage currents, e.g. leakage and fault currents, and current pick-up of instruments without breaking the circuit. It reliably detects even very small improper shield currents resulting from EMC problems. The measurements are according to DIN VDE 0701/0702 and the German BetrSichV (BGV A3, VBG 4).

Order numbers: PB-LSZ-CHB3

PROFIBUS PA Tester

analyzes the bus physics and communication in PROFIBUS PA networks during operation. The test results are clearly classified as either OK or BAD. The tester is powered by the fieldbus so that no battery or external power source is required. It is also suitable for use in hazardous areas.

Order number: BC-230-PB

CONTINUOUS MONITORING

TH SCOPE

is a PC software application for powerful industrial network diagnostics, e.g. for PROFIBUS via TH LINK PROFIBUS. The easy-to-use application provides comprehensive functionality for network commissioning and acceptance testing, continuous monitoring as well as fault localization and identification in case of network problems.

Order numbers: LRA-JY-003024 / LRL-JY-003025

TH LINK PROFIBUS

provides controller-independent access to PROFIBUS networks for plant operation and maintenance staff. It supports network diagnostics as well as plant asset management applications. The tool can be integrated without interfering with the operation of existing installations and offers powerful data collection capabilities optimized for PROFIBUS.
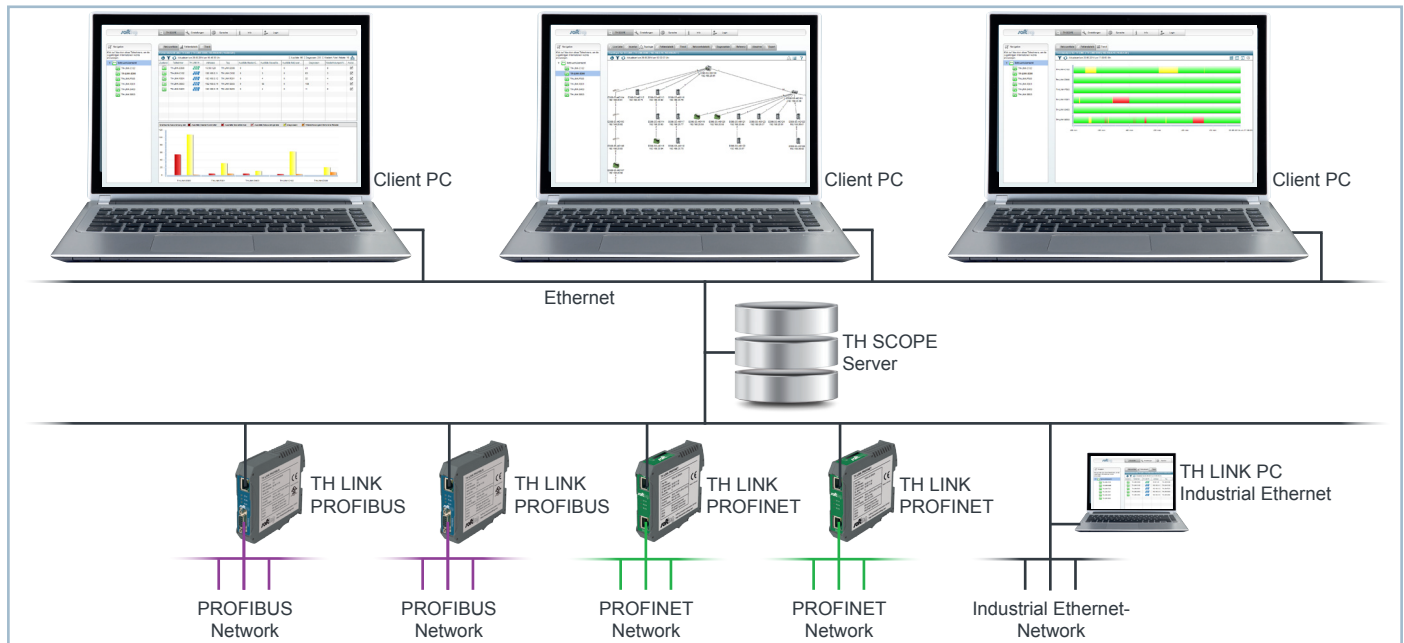
Order number: GEA-JN-003006

PROFIBUS Monitor

continuously monitors the data communication in PROFIBUS DP networks. The tool ensures the early detection of deteriorations in the bus communication and reports them to the operational staff. This supports the implementation of a condition-based maintenance strategy and helps to prevent costly network downtime.

Order number: BC-502-PB and additional options

Client PC — Client PC — Client PC

Ethernet

TH SCOPE Server

TH LINK PROFIBUS — TH LINK PROFIBUS — TH LINK PROFINET — TH LINK PROFINET — TH LINK PC Industrial Ethernet

PROFIBUS Network — PROFIBUS Network — PROFINET Network — PROFINET Network — Industrial Ethernet-Network

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