Bihl+Wiedemann

Monitoring Software for PROFINET devices

Figure	Type	PROFIsafe	Log function of I/O data	Exchange of acyclic data	Article No.
	PROFINET Master Simulator Plus	yes	yes	yes	**BW3057**
	PROFINET Master Simulator	no	no	no	**BW3035**

The PROFINET Master Simulator is an easy to use software for data exchange with PROFINET devices of many suppliers.

The PROFINET Master Simulator can exchange data with many PROFINET devices even without a PROFINET Master. Furthermore the PROFINET Master Simulator also processes GSD-files as well as the input of special configurations to start the data exchange with PROFINET devices. Identification, renaming and address assignment of PROFINET devices is also possible.

Furthermore, the data, in particular the diagnostic function can be displayed binary, hexadecimal and now also as ASCII code.

Output data can be transmitted consistently. In type mode it is possible to set an output as long as the mouse button is pressed.

In addition BW3057 supports PROFIsafe modules, as well as a log function of the I/O data and allows operations in the acyclic mode (Record Data CR).

However as the PROFINET Master Simulator is a monitoring and commissioning tool for PROFINET devices, it is not designed to control automation processes.

Article no.	BW3035	BW3057
General data		
Name	PROFINET Master Simulator	PROFINET Master Simulator Plus
Application area	• commissioning of PROFINET devices • test of in- and output data of PROFINET devices	
Function description	With the PROFINET Master Simulator PROFINET devices can be detected and configured on the network (device name, IP configuration): • the RT in- and output data can be defined using the GSD file and the PROFINET device can be included in the data exchange • the output data for PROFINET device can be set. • occurring alarms are listed and (if supported by the GSD) issued as readable text message.	
Features		
Features	• intuitive menu navigation • easy selection of the PROFINET device from the list of detected devices • Selection of the desired data modules based on the device GSD • I/O data transfer consistent, directly or in type mode • a list of all alarms that have occurred • currently pending channel diagnosis	
	–	• supports PROFIsafe communication • log function of I/O data • acyclic data exchange
Installation		
Technical requirements	IBM compatible PC since 80386, network interface ≥ 100 MBit	
Installation options	standard installation (single-user-license)	standard installation (single-user-license) or virtual machine (floating license)
	as stand-alone tool • installation at any time and anywhere via the Internet • suitable for rapid on-site use, e.g. on the construction site	
Software version	• auto-update function • current version status can be queried via the menu item "Info"	

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PROFINET Master Simulators

Article no.	BW3035	BW3057
System requirements		
Software requirements	• Windows version XP / Vista / Windows 7 / Windows 8 / Win10 (from version 1.0.1.52) • 32bit and 64bit systems • **no support of Windows embedded**	
	Windows .NET Framework 4.0	
Hardware requirements	at least 500MB of free hard disc space	
	screen resolution: 1024 x 768 (minimum) 1280 x 768 (recommended)	
Supported interfaces	Ethernet	
Documentation		
Documentation	help file is available directly from the application	
Scope of delivery		
Scope of delivery	software via download	

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