IBS CMD SWT G4 DEMO - Configuration and diagnostic software

2722124

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Network configuration demo software for INTERBUS Generation 4

Product description

A bus system for open, flexible control architectures must provide the user with a concept for universal and, above all, manufacturer-independent operation and diagnostics of a system, in order to provide the required manufacturer-neutrality. The configuration, startup, and diagnostics software CMD (Configuration Monitoring Diagnostics) was developed for INTERBUS. The key features of this software are the independence from the control system used and the flexibility with regard to program expansions, new functions, and utility programs. The DRIVECOM user group, for example, offers utility programs for parameterizing drives according to the DRIVECOM profile.
In order to meet the requirements of users, we continue to apply our INTERBUS expertise to this software.
CMD for all phases:
CMD is a tool that can be used throughout the entire lifecycle of a plant, from planning and configuration, through system startup and operation monitoring, and beyond to diagnostics in the event of maintenance. For the user this eliminates the costs and effort of learning to use several software tools.
The CMD software allows the user to determine the configuration of the INTERBUS system during the configuration phase. The I/O points can be assigned logical addresses or variables, through which the control program will later access the distributed I/Os.
During startup, a function test can be carried out on subsystems using an integrated monitor function.
The diagnostic functions continuously provide detailed information about the bus status, possible error causes, and suggestions on how to remedy them.
CMD for globally established operating systems:
CMD can be run under Windows operating systems for standard PC systems (Windows® NT 4.0 SP6, Windows® 2000, Windows® XP). The familiar interface makes it easy to get started with the software and thereby operate the entire INTERBUS system easily and safely.

The CMD G4 software is not released for Windows 7 operating systems and above. However, the follow-up software Config+ also supports current and future operating systems.

Commercial data

Item number	2722124
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DR13
Product key	DRDBAY
GTIN	4017918140809
Weight per piece (including packing)	318 g
Weight per piece (excluding packing)	318 g
Customs tariff number	85234920
Country of origin	DE

Technical data

Notes

Order information:	CMD is also available in English, French, Spanish, Portuguese (Brazilian).

Product properties

Product type	Configuration and diagnostics

System properties

Intended use for the software	Configuration
	Diagnostics
	Data acquisition
	Communication
	Startup
	Maintenance
	DIN EN 61131-3 compliant
	Security

License information

Type of license	Freeware

Functionality

Basic functions	Executing important commands (start/stop/...)
	Reading in the installed bus structure
	Detecting/representing error states (plain text from knowledge database)
	Saving diagnostics data in flash memory or parameterizing memory of the controller board
	Diagnostics of INTERBUS FO paths (transmission quality)
	Configuration comparison of Ethernet topologies (parameterized with real topology)
	Reading out the Controller Diagnose Archive
Integrated function	Diagnostics
	Evaluation
	Data acquisition
	Startup
	Communication
	Configuration
	Maintenance
Associated hardware	INTERBUS controller boards
Supported controller	INTERBUS Generation 4 controller board
Number of I/O nodes	not relevant

System requirements

Operating equipment	Keyboard, mouse
Operating system	Windows® NT 4.0 SP6
	Windows® 2000
	Windows® XP
Note about the operating system	Does not support Window® 7 and above operating systems
Processor	Min. 80486/ 33 MHz
Hard disk memory	62 Mbyte
Main memory (RAM)	> 10 Mbyte
Interfaces	Free serial interface for online connection
Languages supported	German, English, French, Spanish
Optical drive	CD-ROM
Screen resolution	SVGA mit min. 800 x 600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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