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BACnet Testing Laboratories Product Listing

This product has been tested at a qualified BACnet Testing Laboratory and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Products. For information on additional functionality that was not covered in the test process, refer to the manufacturer's PICS statement on the BI website.

Listing Information (BTL-30150)

Vendor		Listing Status
Kieback & Peter GmbH & Co. KG Tempelhofer Weg 50 12347 Berlin Germany		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of November 2014	Revision 12 (135-2010)	March 2017

Product Name	Model Numbers	Software Version
DDC4000e	DDC4002e, DDC4020e, DDC4040e, DDC4200e, DDC4400e	1.15

Device Profiles

Profile	Model Numbers
BACnet Building Controller (B-BC)	All models

BIBBs Supported

Data Sharing	ReadProperty-A	DS-RP-A
	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-A	DS-RPM-A
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-A	DS-WP-A
	WriteProperty-B	DS-WP-B
	WritePropertyMultiple-B	DS-WPM-B
	COV-A	DS-COV-A
	COV-B	DS-COV-B
	COVP-B	DS-COVP-B
	COV-Unsubscribed-A	DS-COVU-A
	COV-Unsubscribed-B	DS-COVU-B

Alarm and Event Notification	Notification-A	AE-N-A
	Notification Internal-B	AE-N-I-B
	Notification External-B	AE-N-E-B
	ACK-B	AE-ACK-B
	Alarm Summary-B	AE-ASUM-B
	Enrollment Summary-B	AE-ESUM-B
	Information-B	AE-INFO-B
	Event Log - Internal - B	AE-EL-I-B
Event Log - External - B	AE-EL-E-B	

Scheduling	Internal-B	SCHED-I-B
	External-B	SCHED-E-B

Trending	Viewing and Modifying Trends Internal-B	T-VMT-I-B
	Viewing and Modifying Trends External-B	T-VMT-E-B
	Automated Trend Retrieval-B	T-ATR-B
	Viewing and Modifying Multiple Values Internal-B	T-VMMV-I-B
	Viewing and Modifying Multiple Values External-B	T-VMMV-E-B
Automated Multiple Value Retrieval-B	T-AMVR-B	

Device Management	Dynamic Device Binding-A	DM-DDB-A
	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-A	DM-TS-A
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-A	DM-UTC-A
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Backup and Restore-B	DM-BR-B
	Restart-A	DM-R-A
	Restart-B	DM-R-B
	List Manipulation-A	DM-LM-A
	List Manipulation-B	DM-LM-B
Object Creation and Deletion-B	DM-OCD-B	
Automatic Time Synchronization-A	DM-ATS-A	

Network Management	Connection Establishment-A	NM-CE-A
	Connection Establishment-B	NM-CE-B
	Router Configuration-A	NM-RC-A
	Router Configuration-B	NM-RC-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Characterstring Value	Command
Device	Event Enrollment	Event Log
File	Load Control	Loop
Multi-State Input	Multi-State Output	Multi-State Value
Notification Class	Pulse Converter	Schedule
Trend Log	Trend Log Multiple	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	BBMD, Register as Foreign Device
MS/TP Master	9600, 19200, 38400, 57600, 76800, 115200

Networking Options

Networking Functionality	Media
Router	BACnet/IP (Annex J), MS/TP
BBMD	BACnet/IP (Annex J), MS/TP

Character Set Support

ANSI X3.4
ISO 8859-1
ISO 10646 (UCS-2)
ISO 10646 (UCS-4)
ISO 10646 (UTF-8)