

ANNEX A - PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT (NORMATIVE)

(This annex is part of this Standard and is required for its use.)

BACnet Protocol Implementation Conformance Statement

Date: 2015-06-16

Vendor Name: WILO SE

Product Name: SC BACnet Option (SC, SC...FC, SCe) for several applications

Product Model Number: 2538242 [SC-OPTION BACNET MSTP (SLAVE)]

Application Software Version: n/a

Firmware Revision: n/a

BACnet Protocol Revision: 4

Document Revision: 1.00

Product Description:

The SC-Option BACnet MS/TP is designed to supply the SC family panels with an interface to a BACnet MS/TP network.

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- BACnet Operator Display (B-OD)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks Supported (Annex K):

BIBB Corresponding BACnet Service(s)	Corresponding BACnet Service(s)
Data Sharing-ReadProperty-B (DS-RP-B)	ReadProperty (Execute)
Data Sharing-WriteProperty-B (DS-WP-B)	WriteProperty (Execute)

Segmentation Capability:

- Able to transmit segmented messages Window Size ___
- Able to receive segmented messages Window Size ___

NOTE: The product does not support segmented requests or responses

Standard Object Types Supported:

Object Type	Dynamically Creatable	Dynamically Deletable	Optional Property Supported	Writeable Properties
Analog Input	No	No	device-type	-
Analog Output	No	No	device-type	-
Binary Input	No	No	device-type	-
Binary Output			device-type	-
Device	No	No	location, description	-
Multisate Input	No	No	device-type	-
Multi-state Output	No	No	device-type	-

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): _____
- MS/TP slave (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): _____
- Point-To-Point, modem, (Clause 10), baud rate(s): _____
- LonTalk, (Clause 11), medium: _____
- BACnet/ZigBee (ANNEX O)
- Other: _____

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) Yes No

Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
 - Does the BBMD support registrations by Foreign Devices? Yes No
 - Does the BBMD support network address translation? Yes No

Network Security Options:

- Non-secure Device - is capable of operating without BACnet Network Security
- Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
 - Multiple Application-Specific Keys:
 - Supports encryption (NS-ED BIBB)
 - Key Server (NS-KS BIBB)

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ANSI X3.4
- IBM™/Microsoft™ DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (UCS-4)
- JIS X