

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: 21.09.2018**Vendor Name:** Berg GmbH**Product Name:** BME Energy Meter**Product Model Number:** BME461, BME462**Application Software Version:** 1.2x**Firmware Revision:** 1.xx**BACnet Protocol Revision:** 12**Product Description:**

Professional energy meter for 4-wire systems with BACnet IP interface.

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):*Data Sharing BIBBs:*

DS-RP-B	Data Sharing-Read Property-B
DS-RPM-B	Data Sharing-Read Property Multiple-B
DS-WP-B	Data Sharing-WriteProperty-B

Device and Network Management BIBBs:

DM-DDB-B	Device Management-Dynamic Device Binding-B
DM-DOB-B	Device Management-Dynamic Object Binding-B
DM-TS-B	Device Management-TimeSynchronization-B

Segmentation Capability:

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

Standard Object Types Supported:

<i>Object-Type</i>	<i>Dynamically Creatable</i>	<i>Dynamically Deletable</i>	<i>Optional Properties Supported</i>	<i>Writable Properties</i>
Device	No	No	Location Description Local_Date Local_Time	Object_Identifier Location
Analog Input	No	No	Description	

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): _____
 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.

- ISO 10646 (UTF-8) IBM™/Microsoft™ DBCS ISO 8859-1
 ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS X 0208

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports:

No gateway support.

Prepared in Germany • Subject to change without notice • PDF version available on the Internet

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