

BACnet Protocol Implementation Conformance Statement (PICS)

(Normativ)

Date	23.01.2013
Vendor Name	Janitza electronics GmbH
Product Name	UMG 604, UMG 605, UMG 508, UMG 511
Product Model Number	
Applications Software Version	2.009
Firmware Revision	2.009
BACnet Protocol Version	1
BACnet Protocol Revision	6

Product Description	Product Description
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BACnet Standardized Device Profile (Annex L):	
<input type="checkbox"/>	BACnet Operator Workstation (B-OWS)
<input type="checkbox"/>	BACnet Building Controller (B-BC)
<input type="checkbox"/>	BACnet Advanced Application Controller (B-AAC)
<input type="checkbox"/>	BACnet Application Specific Controller (B-ASC)
<input type="checkbox"/>	BACnet Smart Sensor (B-SS)
<input checked="" type="checkbox"/>	BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks Supported (Annex K):	BIBB
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Data Sharing	Event & Alarm Management	Device&Network Management
DS-RP-B		DM-DDB-B
DS-RPM-B		DM-DOB-B

DS-WP-B		DM-TS-B
DS-WPM-B		DM-UTC-B
DS-COV-B		

Segmentation Capability:	
<input type="checkbox"/> Segmented requests supported	Window Size: _____
<input type="checkbox"/> Segmented responses supported	Window Size: _____

Standard Object Types Supported:		
Object-Type	Object-Type Supported	Optional Properties Supported
Analog Input	<input type="checkbox"/>	<i>Description, COV_Increment</i>
Analog Value	<input type="checkbox"/>	<i>Description, Priority_Array, Relinquish_Default, COV_Increment</i>
Binary Input	<input type="checkbox"/>	<i>Description</i>
Binary Output	<input type="checkbox"/>	<i>Description</i>
Binary Value	<input type="checkbox"/>	<i>Description, Priority_Array, Relinquish-Default</i>
Device	<input type="checkbox"/>	<i>Location, Description, Max_Segments_Accepted, Local-Date, Local_Time, UTC_Offset, Daylight_Savings_Status, Active_COV_Subscriptions</i>

Note:

Every measurement in the UMG 604 is an object of type Analogue Input. All other float values in the UMG 604 are of type Analogue Value.

Digital Inputs/Outputs are of type Binary Input/Output.

The allocation of the measurements in objects is achieved user-specific in the Jasic program.

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s)
- MS/TP master (Clause 9), baud rates [kB/s]: 9.6, 19.2, 38.4, 57.6, 115.2, 921.6
- MS/TP slave (Clause 9), baud rates: [kB/s]: 9.6, 19.2, 38.4, 57.6, 115.2, 921.6
- Point-To-Point, EIA 232 (Clause 10), baud rate(s):
- Point-To-Point, modem, (Clause 10), baud rate(s):
- LonTalk, (Clause 11), medium:
- 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 - Routes packets between a physical LAN and one virtual LAN
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
Does the BBMD support registrations by Foreign Devices?
 Yes No

Character Sets Supported:

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

- | | | |
|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> ANSI X3.4 | <input type="checkbox"/> IBM™ / Microsoft™ DBCS | <input type="checkbox"/> ISO 8859-1 |
| <input type="checkbox"/> ISO 10646 (UCS-2) | <input type="checkbox"/> ISO 10646 (UCS-4) | <input type="checkbox"/> JIS C 6226 |

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

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