

# BACnet Protocol Implementation Conformance Statement (PICS)

(Normativ)

<b>Date</b>	03.11.2014
<b>Vendor Name</b>	Janitza electronics GmbH
<b>Product Name</b>	UMG604, UMG605, UMG508, UMG511, UMG509, UMG512
<b>Product Model Number</b>	
<b>Applications Software Version</b>	4.039
<b>Firmware Revision</b>	4.039
<b>BACnet Protocol Version</b>	1
<b>BACnet Protocol Revision</b>	6

<b>Product Description</b>	Product Description
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<b>BACnet Standardized Device Profile (Annex L):</b>
<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)

<b>List all BACnet Interoperability Building Blocks Supported (Annex K):</b>	<b>BIBB</b>
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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		

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

<b>Standard Object Types Supported:</b>		
<b>Object-Type</b>	<b>Object-Type Supported</b>	<b>Optional Properties Supported</b>
<b>Analog Input</b>	☒	<i>Description, COV_Increment</i>
<b>Analog Value</b>	☒	<i>Description, Priority_Array, Relinquish_Default, COV_Increment</i>
<b>Binary Input</b>	☒	<i>Description</i>
<b>Binary Output</b>	☒	<i>Description</i>
<b>Binary Value</b>	☒	<i>Description, Priority_Array, Relinquish-Default</i>
<b>Device</b>	☒	<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:	
<input checked="" type="checkbox"/>	BACnet IP, (Annex J)
<input checked="" type="checkbox"/>	BACnet IP, (Annex J), Foreign Device
<input type="checkbox"/>	ISO 8802-3, Ethernet (Clause 7)
<input type="checkbox"/>	ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
<input type="checkbox"/>	ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s)
<input type="checkbox"/>	MS/TP master (Clause 9), baud rates [kB/s]: 9.6, 19.2, 38.4, 57.6, 115.2, 921.6
<input type="checkbox"/>	MS/TP slave (Clause 9), baud rates: [kB/s]: 9.6, 19.2, 38.4, 57.6, 115.2, 921.6
<input type="checkbox"/>	Point-To-Point, EIA 232 (Clause 10), baud rate(s):
<input type="checkbox"/>	Point-To-Point, modem, (Clause 10), baud rate(s):
<input type="checkbox"/>	LonTalk, (Clause 11), medium:
<input type="checkbox"/>	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.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Networking Options:	
<input checked="" type="checkbox"/>	Router, Clause 6 - Routes packets between a physical LAN and one virtual LAN
<input type="checkbox"/>	Annex H, BACnet Tunneling Router over IP
<input type="checkbox"/>	BACnet/IP Broadcast Management Device (BBMD)
Does the BBMD support registrations by Foreign Devices?	
<input type="checkbox"/>	Yes <input type="checkbox"/> No

**Character Sets Supported:**

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

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|---|---|-------------------------------------|
| <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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