

OR4 pro

BACnet-PICS

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: 13.08.2019
Vendor Name: Wildeboer Bauteile GmbH (Vendor ID: 948)
Product Name: OR4-02
Product Model Number: OR4-02
Application Software Version: FW_006 V1.0.0
Firmware Revision: BACAPP_FW_006 V1.0.0
BACnet Protocol Revision: 1.14

Product Description:

- Rauchauslöseeinrichtung
- Rauchmelder für die Überwachung von Lüftungsleitungen

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):

- DS-RP-B
- DS-WP-B
- DS-COV-B
- DM-DDB-B
- DM-DOB-B
- DM-DCC-B

Segmentation Capability:

- ☐ Able to transmit segmented messages
- ☐ Able to receive segmented messages

Window Size: _____

Window Size: _____

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Standard Object Types Supported:

Device Object Type

1. Dynamically creatable using the CreateObject service? No
2. Dynamically deletable using the DeleteObject service? No
3. List of the optional properties supported:
 - Location
 - Description
 - Max_Master
 - Max_Info_Frames
4. List of all properties that are writable where not otherwise required by this standard:
 - Object_Identifier
 - Object_Name
 - Location
 - Description
 - Max_Master
 - Max_Info_Frames
5. List of all properties that are conditionally writable where not otherwise required by this standard:
6. List of proprietary properties and for each its property identifier, datatype, and meaning:
7. List of any property range restrictions
 - Object_Name max 32 character
 - Location max 64 character
 - Description max 64 character

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Analog Input Object Type

1. Dynamically creatable using the CreateObject service? No
2. Dynamically deletable using the DeleteObject service? No
3. List of the optional properties supported:
 - Description
 - Device_Type
 - Reliability
 - COV_Increment
 - Update_Interval
 - Min_Pres_Value
 - Max_Pres_Value
 - Resolution
4. List of all properties that are writable where not otherwise required by this standard:
 - Object_Name
 - Description
 - Out_Of_Service
 - COV_Increment
5. List of all properties that are conditionally writable where not otherwise required by this standard:
 - Reliability
 - Present_Value
- 6) List of proprietary properties and for each its property identifier, datatype, and meaning:
- 7) List of any property range restrictions
 - Object_Name max 32 character
 - Description max 64 character

Object ID	Object Name	Description	Unit
AnalogInput 1	Stroemungssensor FS7	Stroemungsgeschwindigkeit im Kanal	Percent
AnalogInput 2	Verschmutzung	Verschmutzungsnachfuehrung RM4	Percent

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Analog Value Object Type

1. Dynamically creatable using the CreateObject service? No
2. Dynamically deletable using the DeleteObject service? No
3. List of the optional properties supported:
 - Description
 - COV_Increment
 - Resolution
4. List of all properties that are writable where not otherwise required by this standard:
 - Object_Name
 - Description
 - Out_Of_Service
 - COV_Increment
5. List of all properties that are conditionally writable where not otherwise required by this standard:
 - Present_Value
6. List of proprietary properties and for each its property identifier, datatype, and meaning:
7. List of any property range restrictions
 - Object_Name max 32 character
 - Description max 64 character

Object ID	Object Name	Description	Unit
AnalogValue 1	Betriebsstunden OR4	Betriebsstunden der Rauchausloeseeinrichtung OR4	Hours
AnalogValue 2	Betriebsstunden RM4	Betriebsstunden des Optischen Rauchschalter RM4	Hours

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Binary Input Object Type

1. Dynamically creatable using the CreateObject service? No
2. Dynamically deletable using the DeleteObject service? No
3. List of the optional properties supported:
 - Description
 - Device_Type
 - Reliability
 - Inactive_Text
 - Active_Text
4. List of all properties that are writable where not otherwise required by this standard:
 - Object_Name
 - Description
 - Out_Of_Service
 - Polarity
 - Inactive_Text
 - Active_Text
5. List of all properties that are conditionally writable where not otherwise required by this standard:
 - Present_Value
 - Reliability
6. List of proprietary properties and for each its property identifier, datatype, and meaning:
7. List of any property range restrictions
 - Object_Name max 32 character
 - Description max 64 character
 - Inactive_Text max 32 character
 - Active_Text max 32 character

Object ID	Object Name	Description	Comment
BinaryInput 1	RM4 Alarm	Alarm Flag aus dem Statusbyte des RM4	Active_Text: Alarm Inactive_Text: Normal
BinaryInput 2	RM4 Trend2	Trend2 (stark verschmutzt) Flag aus dem Statusbyte des RM4	Active_Text: Stark verschmutzt Inactive_Text: Normal
BinaryInput 3	RM4 Trend1	Trend1 (leicht verschmutzt) Flag aus dem Statusbyte des RM4	Active_Text: Leicht verschmutzt Inactive_Text: Normal
BinaryInput 4	RM4 Fault	Fault Flag aus dem Statusbyte des RM4	Active_Text: Störung Inactive_Text: Normal
BinaryInput 5	Stroemungssensor	Flag zur Anzeige vorhandener Luftstroemung	Active_Text: Stroemung vorhanden Inactive_Text: Keine Stroemung

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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): 9600, 19200, 38400, 57600, 76800, 115200
- ☐ 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:

N/A