

## BACnet Protocol Implementation Conformance Statement

Date: September 19, 2016  
 Vendor Name: DEOS AG (Vendor ID: 142)  
 Product Name: Damper actuator, Rotary actuator  
 Product Model Number: PLD10-24-BAC, PLD20-24-BAC, PWD05-24-BAC  
 Applications Software Version: n.a.  
 Firmware Revision: 1.010  
 BACnet Protocol Revision: 1.4

### Product Description:

The damper actuators PLD10-24-BAC and PLD20-24-BAC are stand alone drives for adjustment air flaps in ventilation and air-conditioning systems.  
 The rotary actuator PWD05-24-BAC is a stand alone drive for adjustment ball valve for water system.

All settings are possible directly via BACnet protocol. No additional software will be needed for initial operation.

### BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- 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)

### Data Sharing

Data Sharing-ReadProperty-B	DS-RP-B
Data Sharing-ReadPropertyMultiple-B	DS-RPM-B
Data Sharing-WriteProperty-B	DS-WP-B
Data Sharing-COV-Unsolicited-B	DS-COVU-B

### Device and Network Management

Device Management-Dynamic Device Binding-B	DM-DDB-B
Device Management-Dynamic Object Binding-B	DM-DOB-B
Device Management-DeviceCommunicationControl-B	DM-DCC-B

### Segmentation Capability:

- Segmented requests supported Window Size:
- Segmented responses supported Window Size:

**Standard Object Types Supported:**

The following object types are supported and present in the device. Each standard Object Type is supported with following data:

Object-Type	Dynamically Creatable Deleteable	Optional Properties Supported	Writable Properties
Analog Input	<input type="checkbox"/>	Description Device_Type Reliability Update_Interval Min_Pres_Value Max_Pres_Value Resolution COV_Increment	Object_Name Description Out_Of_Service
Analog Output	<input type="checkbox"/>	Description Device_Type Reliability Update_Interval Min_Pres_Value Max_Pres_Value Resolution COV_Increment	Object_Name Description Out_Of_Service Present_Value
Analog Value	<input type="checkbox"/>	Description Reliability COV_Increment	Object_Name Description Out_Of_Service Present_Value
Binary Input	<input type="checkbox"/>	Description Device_Type Reliability Inactive_Text Active_Text	Object_Name Description Inactive_Text Active_Text Out_Of_Service
Binary Value	<input type="checkbox"/>	Description Reliability Inactive_Text Active_Text	Object_Name Description Inactive_Text Active_Text
Device	<input type="checkbox"/>	Location Description Max_Master Max_Info_Frames	Object_Name Location Description Max_Master
Multistate Value	<input type="checkbox"/>	Description Reliability State_Text	Object_Name Description Present_Value

**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 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:
- 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

**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 C 6226

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