

Prüfbericht
Test report
Nr. / No.: BAC01050



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Prüfstelle
Test centre

TÜV SÜD Industrie Service GmbH
Center of Competence
für Kälte- und Klimatechnik
*for Refrigeration and Air Conditioning
Building Automation
BTL Recognized BACnet Test Laboratory*

Datum / Date: 2025-12-18

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Seite / Page 1 von / of 186

Die auszugsweise
Wiedergabe des
Dokumentes und die
Verwendung zu
Werbezwecken bedürfen der
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Die Prüfergebnisse beziehen
sich ausschließlich auf die
untersuchten
Prüfgegenstände.

*The test results refer
exclusively to the units under
test.*

Prüfgegenstand
Test object

PiiGAB 900S Smart Gateway, PiiGAB 900T Smart
Gateway (B-SS)
Typ: "MBus2BACnet"
Heklatech AB

Serien-Nr.
Serial no.

SN-16790184, SN-16812942

Auftraggeber
Orderer

Heklatech AB
Kapplandsgatan 132
41478 Göteborg
Sweden

Auftragsumfang
Scope of the order

Konformitätsprüfung nach BTL Test Package 26.0
*Conformance Test according to BTL Test Package
26.0*

Eingangsdatum
Date of delivery

2025-10-07

Prüfzeitraum
Test period

2025-10-15 - 2025-12-18

Prüfort
Place of test

Olching | München
Olching | Munich

Experte
expert

Dietfried Hennig

Prüfgrundlage
Standard of test

ANSI/ASHRAE 135-2020
ANSI/ASHRAE 135.1-2023
DIN EN ISO 16484-5:2023-02
DIN EN ISO 16484-6:2022-10
BTL Test Package:26.0



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1 Inhalt und Zweck der Prüfung / Test Purpose

Konformitätsprüfung der BACnet Implementation gemäß BTL Test Package 26.0
Conformance test of the BACnet implementation according to BTL Test Package 26.0

2 Angewendete Prüfvorschriften Standards of the test

Folgende Normen und Standards wurden angewendet:
The following norms and standards were used:

- ANSI/ASHRAE 135.1-2023
- BTL Testing Policies 2025-07-25
- BTL Test Plan Version 26.0
- IS-TAA-AA-10 - Testverfahren zur BACnet-Konformitätsprüfung

3 Zur Prüfung verwendete Dokumente / Documentation used during testing

Nr. No.	Name Name	Dokumentenname / Version Document name / version	Datum Dated	Quelle Source
1	BTL Test Package Checklist	BTL Functionality Checklist-26.0_mbus2bacnet_heklatech_dh.docx	2025-12-18	TÜV SÜD Industrie Service GmbH
2	Electronic Protocol Interoperability Conformity Statement (EPICS)	EPICS_BAC01050_heklatech.tpi	2025-12-18	TÜV SÜD Industrie Service GmbH



4 Beschreibung des Prüfobjektes / Zu testenden Implementierung (IUT) *Description of the test object / Implementation under Test (IUT)*

Bezeichnung: <i>Name:</i>	PiiGAB 900S Smart Gateway, PiiGAB 900T Smart Gateway
Modell Nummer: <i>Model Number:</i>	MBus2BACnet
Hersteller / Lieferant: <i>Vendor:</i>	Heklatech AB Vendor ID: 1488
Unterstützte BACnet Protokoll Version / Revision: <i>Supported BACnet Protocol Version / Revision:</i>	1 / 24
Unterstützte BACnet Geräteprofile (Anhang L): <i>Supported BACnet Device Profile(s) (Annex L):</i>	B-SS
Revision der BACnet Firmware des IUT: <i>BACnet Firmware Revision of the IUT:</i>	1.4.1
Version der BACnet Anwendung des IUT: <i>BACnet Application Software Version:</i>	2.0.0
Beschreibung des Gerätes (Herstellerangabe): <i>Device Description (vendor's specification):</i>	The MBus2Bacnet appplication is an M-Bus to Bacnet converter that runs on PiiGAB Pi-900 hardware [1]. The conversions are configured in the web interface on the Pi-900. Only Analog-Input values are supported. The Pi-900 takes care of ethernet settings. [1] https://www.piigab.com

5 Durchführung der Prüfungen *Execution of the tests*

Die Prüfungen wurden an den Prüfständen des Center of Competence für Kälte- und Klimatechnik der TÜV SÜD Industrie Service GmbH durchgeführt.

The tests were performed at the test facilities of the Center of Competence for Refrigeration and Air Conditioning of TÜV SÜD Industrie Service GmbH.

Die Prüfungen beinhalteten folgende Prüfschritte:

The tests comprise the following parts:

- Dokumentenprüfung / Document Check
- Prüfungen gemäß Testplan / *Tests according to Testplan*
 - Grundanforderungen / *Basic Requirements*
 - Prüfungen der Objekttypen / *Object Tests*
 - Prüfungen der Dienste / *Services Tests*
 - Prüfungen der Datalinks / *Datalink Tests*

Die Auflistung der verwendeten Messmittel ist bei der Prüfstelle hinterlegt.



A list of the used measurement equipment is deposited at the test centre.

6 Ergebnisse der Prüfung

Test results

Die Bewertung der Prüfergebnisse hinsichtlich Konformität mit der Prüfgrundlage erfolgte ausschließlich gemäß formulierter Anforderungen in der Prüfgrundlage. Bei Messergebnissen wurden dabei die tatsächlich gemessenen Werte bzw. die auf Standardbedingungen gemäß Prüfgrundlage umgerechneten Werte zugrunde gelegt. Eine Berücksichtigung von Toleranzen oder Messunsicherheiten erfolgte für die Bewertung der Prüfergebnisse nicht. Detaillierte Ergebnisse der Prüfung sind in den Anhängen A1 bis A6 dargestellt.

The evaluation of test results with regard to conformity with the test specification was exclusively based on the requirements formulated in the test specification. For measurement results, the actually measured values resp. the values converted to standard conditions according to the test specification were used. For the evaluation of test results, tolerances or measurement uncertainties were not taken into account. Detailed results of the examination are presented in Annexes A1 to A6.

7 Zusammenfassung

Summary

Die gemäß BTL Test Package 26.0 erforderlichen Prüfungen wurden erfolgreich abgeschlossen. Sämtliche Tests wurden entsprechend den Anforderungen der ANSI/ASHRAE 135.1-2023 sowie der BTL Specified Tests Version 26.0 durchgeführt und bestätigen die Konformität der Implementierung mit dem BACnet-Protokoll.

The tests required according to BTL Test Package 26.0 were successfully completed. All tests were conducted in accordance with the requirements of ANSI/ASHRAE 135.1-2023 and BTL Specified Tests Version 26.0, confirming the conformity of the implementation with the BACnet protocol.

Center of Competence für Gebäudeautomation
Center of Competence for Building Automation
Leiter des Prüflabors
Head of Laboratory


Igor Gagula

Experte
Expert


Dietfried Hennig



Anhang A1 <i>Annex A1</i>	Ergebnisse der Prüfung – Allgemeine Prüfungen <i>Test results – General tests</i>
Anhang A2 <i>Annex A2</i>	Ergebnisse der Prüfung – BIBBs <i>Test results – BIBBs</i>
Anhang A3 <i>Annex A3</i>	Ergebnisse der Prüfung – BACnet Standard Dienste <i>Test results – BACnet Standard Services</i>
Anhang A4 <i>Annex A4</i>	Ergebnisse der Prüfung – BACnet Standard Objekte <i>Test results – BACnet Standard Objects</i>
Anhang A5 <i>Annex A5</i>	Ergebnisse der Prüfung – EPICS Übereinstimmungsprüfung <i>Test results – EPICS Consistency Tests</i>
Anhang A6 <i>Annex A6</i>	Ergebnisse der Prüfung nach Checkliste <i>Test results according to checklist</i>
Anhang B <i>Annex B</i>	Verwendete Messmittel <i>Used measurement equipment</i>
Anhang C <i>Annex C</i>	Änderungen dieses Dokuments <i>Revisions of this document</i>
Anhang D <i>Annex D</i>	EPICS – Electronics Protocol Implementation Conformance Statement <i>EPICS – Electronics Protocol Implementation Conformance Statement</i>



Anhang A1. Ergebnisse der Prüfung – Allgemeine Prüfungen /

Annex A1. Test results – General tests

In folgenden Kapiteln wurden aus Gründen der Übersichtlichkeit die entsprechenden Bezeichnungen direkt aus der Protokollspezifikation übernommen und teilweise übersetzt.

In the following chapters, the corresponding designations were taken directly from the protocol specification and partially translated for clarity.

Alle Tests wurden gemäß BACnet Test Standard ANSI/ASHRAE 135.1-2023 und BTL Specified Tests gemäß BTL Test Package 26.0 bei einer Umgebungstemperatur von $25\text{ °C} \pm 10\text{ K}$ durchgeführt. Die Temperaturen wurden in regelmäßigen Abständen aufgezeichnet.

All tests were conducted in accordance with the BACnet Test Standard ANSI/ASHRAE 135.1-2023 and the BTL Specified Tests from the BTL Test Package 26.0 at an ambient temperature of $25\text{ °C} \pm 10\text{ K}$. Temperatures are recorded at regular intervals.

Prüfschritte / Test Parts	Test result P: Passed F: Failed
Basic Functionality Tests	P
Object Tests	P
Data Link Layer Tests	P



Anhang A2. Ergebnisse der Prüfung – BIBBs /

Annex A2. Test results – BIBBs

BACnet Interoperability Building Blocks (BIBBs) beschreiben Zusammenstellungen eines oder mehrerer BACnet Dienste und Objekte gemäß BACnet Test Standard ANSI/ASHRAE 135-2020 Anhang K. Es wurden die Anforderungen der in der Checkliste angegebenen BIBBs geprüft.

BACnet Interoperability Building Blocks (BIBBs) are collections of one or more BACnet Protocol Services according to BACnet Test Standard ANSI/ASHRAE 135-2020 Annex K. The requirements of the in the checklist declared BIBBs were tested.

Folgende BACnet Interoperability Building Blocks (BIBBs) wurden während der Prüfung im Gerät festgestellt:

The following BACnet Interoperability Building Blocks (BIBBs) were detected in the device during the test:

BIBB	Name
DS-RP-B	ReadProperty-B
DS-RPM-B	ReadPropertyMultiple-B
DS-WP-B	WriteProperty-B
DM-DDB-B	Dynamic Device Binding-B
DM-DOB-B	Dynamic Object Binding-B
DM-DCC-B	DeviceCommunicationControl-B
DM-RD-B	ReinitializeDevice-B
GW-EO-B	Embedded Objects-B



Anhang A3. Ergebnisse der Prüfung – BACnet Standard Dienste

Annex A3. Test results – BACnet Standard Services

Folgende BACnet Dienste wurden während der Prüfung im Gerät festgestellt:

The following BACnet Services were detected in the device during the test:

BACnet Standard Services	Unterstützt Support
DeviceCommunicationControl	Execute
ReadProperty	Execute
ReadPropertyMultiple	Execute
ReinitializeDevice	Execute
Who-Has	Execute
Who-Is	Execute
WriteProperty	Execute
I-Am	Initiate
I-Have	Initiate



Anhang A4. Ergebnisse der Prüfung – BACnet Standard Objekte

Annex A4. Test results – BACnet Standard Objects

Folgende BACnet Standard Objekte wurden während der Prüfung im Gerät festgestellt:

The following BACnet Standard Objects were detected in the device during the test:

BACnet Standard Objekttypen <i>BACnet Standard Object Types</i>	Enumeration
Analog Input	(0)
Device	(8)
Network Port	(56)



Anhang A5. Ergebnisse der Prüfung – EPICS Übereinstimmungsprüfung

Annex A5. Test results – EPICS Consistency Tests

Das Electronics Protocol Implementation Conformance Statement (EPICS) wurden gemäß BTL Specified Tests Version 26.0 geprüft.

The Electronic Protocol Implementation Conformance Statement (EPICS) has been tested according to BTL Specified Tests Version 26.0.

No.:	Test	Test result P: Passed F: Failed
a	All object types required by the specified BIBBs shall be indicated as supported in the Standard Object Types Supported section of the EPICS.	P
b	A minimum of one instance of each object type required by the specified BIBBs shall be included in the test database.	P
c	The Protocol_Object_Types_Supported property of the Device object in the test database shall indicate support for each object type required by the supported BIBBs.	P
d	All application services required by the supported BIBBs shall be indicated as supported in the BACnet Standard Application Services Supported section of the EPICS with Initiate and Execute indicated as required by the supported BIBBs.	P
e	The Protocol_Services_Supported property of the Device object in the test database shall indicate support for each application service for which the supported BIBBs requires support for execution of the service.	P
f	The object types listed in the Standard Object Types Supported section of the EPICS shall have a one-to-one correspondence with object types listed in the Protocol_Object_Types_Supported property of the Device object contained in the test database.	P
g	For each object type listed in the Standard Object Types Supported* section of the EPICS there shall be at least one object of that type in the test database. ** *An object type is supported if it can be made to exist in the IUT's database. **with the exception of the case where File objects are only present in the IUT during Backup and Restore. An object type is supported if it can be made to exist in the IUT's database.	P
h	There shall be a one-to-one correspondence between the objects listed in the Object_List property of the Device object and the objects included in the test database. The Object_List property and the test database shall both include all proprietary objects. Properties of proprietary objects that are not required by BACnet Clause 23.4.3 need not be included in the test database.	P
i	For each object included in the test database, all required properties for that object as defined in Clause 12 of BACnet shall be present. Standard properties which are not defined for the implemented Protocol_Revision shall not be present. In addition, if any of the properties supported for an object require the conditional presence of other properties, their presence shall be verified.	P
j	For each property that is required to be writable, or conditionality writable, that property shall be marked as writable, or conditionality writable, in the EPICS.	P
k	The length of the Protocol_Services_Supported bitstring shall have the number of bits defined for BACnetProtocolServicesSupported for the IUT's declared protocol revision.	P



No.:	Test	Test result P: Passed F: Failed
l	The length of the Protocol_Object_Types_Supported bitstring shall have the number of bits defined for BACnetObjectTypesSupported for the IUT's declared protocol revision.	P
m	For each object included in the test database, any properties that are deprecated or removed shall not appear after the Protocol_Revision in which the property was deprecated or removed.	P
n	If the Protocol_Revision property is present in the Device object and its value is greater than or equal to 14, the Property_List property of each object included in the test database shall have one entry for each property present including non-standard properties with the exception of Object_Type, Object_Identifier, Object_Name and Property_List.	P
o	If the Segmentation_Supported property in the Device object is SEGMENTED_BOTH or SEGMENTED_RECEIVE, then the value of the Max_Segments_Accepted property of the Device object shall be greater than 1.	P
p	For each property that is required to be read-only, that property shall not be marked as writable, or conditionality writable, in the EPICS.	P
q	For each property for which the standard limits the value range, the value for the property in the EPICS, if provided, shall be within the allowable range as defined in the property definition.	P
r	For each property which has a restricted value range defined in the EPICS, the restricted value range shall be within the allowable value range and contain the minimal value range as defined by the standard.	P



Anhang A6. Ergebnisse der Prüfung nach Checkliste

Annex A6. Test results according to checklist

Im folgenden Kapitel wird die entsprechende Auswahl der Eigenschaften aus der BTL-Checkliste zusammengefasst dargestellt. Hierfür wurden folgende Abkürzungen angewendet.

The following chapter provides a summarized presentation of the corresponding selection of properties from the BTL checklist. The following abbreviations were applied for this purpose.

Basic Functionality (applies to all BACnet devices)

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	R	EPICS Consistency Tests
P	X	R	Supports DS-RP-B
P	X	BTL-C2	Supports DM-DDB-B
P	X	C2, 3	Supports DM-DOB-B

Analog Input Object

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	S	Supports configurable Out_Of_Service property

Device Object

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	R	Supports configurable device name and instance
P	X	C1	Supports Database_Revision property
P	X	O	Supports UTC_Offset property

Network Port Object

Result	Support	Listing	Option
P	X	R1	Base Requirements

Data Sharing - ReadProperty - B

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	R	Contains Enumerated property values
P	X	R	Contains Unsigned property values
P	X	R	Contains BACnetObjectIdentifier property values
P	X	R	Contains Character String property values
P	X	R	Contains Bit String property values
P	X	O	Contains BOOLEAN property values
P	X	O	Contains INTEGER property values



P	X	O	Contains REAL property values
P	X	O	Contains Time property values
P	X	O	Contains Date property values
P	X	O	Contains Octet String property values

Data Sharing - ReadPropertyMultiple - B

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	R	Contains Enumerated property values
P	X	R	Contains Unsigned property values
P	X	R	Contains BACnetObjectIdentifier property values
P	X	R	Contains Character String property values
P	X	R	Contains Bit String property values
P	X	O	Contains BOOLEAN property values
P	X	O	Contains INTEGER property values
P	X	O	Contains REAL property values
P	X	O	Contains Time property values
P	X	O	Contains Date property values
P	X	O	Contains Octet String property values

Data Sharing - WriteProperty - B

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	C1	Contains writable non-array properties
P	X	C2	Contains writable BOOLEAN properties
P	X	C2	Contains writable Unsigned properties
P	X	C2	Contains writable REAL properties
P	X	C2	Contains writable properties with non-basic data types

Device Management - Dynamic Device Binding - B

Result	Support	Listing	Option
P	X	R	Base Requirements

Device Management - Dynamic Object Binding - B

Result	Support	Listing	Option
P	X	R	Base Requirements

Device Management - Device Communication Control - B

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	C1	Supports receiving a DeviceCommunicationControl service request with a password



P	X	C1	Supports receiving a DeviceCommunicationControl service request with no password
P	X	R	Supports receiving a DeviceCommunicationControl service request with a finite duration
P	X	O	Supports DM-RD-B
P	X	C4	Supports receiving a DeviceCommunicationControl service request specifying DISABLE_INITIATION.

Device Management - Reinitialize Device - B

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	C1	Implements ReinitializeDevice WARMSTART with a password
P	X	C2	Implements ReinitializeDevice COLDSTART with a password

Data Link Layer - IPv4

Result	Support	Listing	Option
P	X	R	Base Requirements
P	X	C1	Is able to operate in Normal mode
P	X	C1	Is able to operate in Foreign mode
P	X	C2	Supports the Network Port object
P	X	O	Supports Network Port objects and DHCP
P	X	C5	Supports Non-hierarchical Network Port objects

Gateway - Embedded Objects - B

Result	Support	Listing	Option
P	X	R	Base Requirements



Anhang B. Verwendete Messmittel /
Annex B. Applied test equipment

Messmittel-ID <i>Test Equipment ID</i>	Messmittelkategorie <i>Category of Test Equipment</i>	Beschreibung <i>Description</i>
QS-004 10996	Software	BACnet Test Framework 26.0.1.119, MBS GmbH
QS-004-10995	Software	Visual Test Shell VTS 3.6.7.0, BACnet International
QS-004-10993	Oscilloscope	PicoScope 4224, picoTechnology
QS-004 18209	Thermometer	Testo 184-T3

Anhang C. Änderungen dieses Dokuments /
Annex C. Revisions of this document

Original version:	Test report BAC01050
Revision:	-
Modifications:	Page: -



Anhang D. Konformitätserklärung über die elektronische Protokollimplementierung
Annex D. EPICS – Electronic Protocol Implementation Conformance Statement

PICS 0

BACnet Protocol Implementation Conformance Statement

--date of creation: 2025-12-18

Vendor Name: "Heklatech AB"

Product Name: "PiiGAB 900S Smart Gateway"

Product Model Number: "Mbus2BACnet"

Product Description: "The Mbus2Bacnet application is an M-Bus to Bacnet converter that runs on PiiGAB Pi-900 hardware [1]. The conversions are configured in the web interface on the Pi-900. Only Analog-Input values are supported. The Pi-900 takes care of ethernet settings. [1] <https://www.piigab.com>"

BIBBs Supported:

```
{  
  DS-RP-B  
  DS-RPM-B  
  DS-WP-B  
  DM-DDB-B  
  DM-DOB-B  
  DM-DCC-B  
  DM-RD-B  
  GW-EO-B  
}
```

BACnet Standard Application Services Supported:

```
{  
  DeviceCommunicationControl    Execute  
  ReadProperty                  Execute  
  ReadPropertyMultiple          Execute  
  ReinitializeDevice            Execute  
  Who-Has                      Execute
```



Who-Is	Execute
WriteProperty	Execute
I-Am	Initiate
I-Have	Initiate

}

Standard Object Types Supported:

{
 Analog Input
 Device
 Network Port
}

Data Link Layer Option:

{
 BACnet/IP, 'DIX' Ethernet
}

Character Sets Supported:

{
 ISO 10646 (UTF-8)
}

Special Functionality:

{
 Maximum APDU size in octets: 1476
}

Default Property Value Restrictions:

{
 unsigned-integer: <minimum: 0; maximum: 18446744073709551615>
 signed-integer: <minimum: -9223372036854775808; maximum: 9223372036854775807>
 real: <minimum: -3.40282347E38; maximum: 3.40282347E38; resolution: 0.01>
 double: <minimum: -1.7976931348623157E+308; maximum: 1.7976931348623157E+308;
 resolution: 0.0001>
}



```
date: <minimum: 01-January-1970; maximum: 31-December-2038>
octet-string: <maximum length string: 256>
character-string: <maximum length string: 64>
list: <maximum length list: 10>
variable-length-array: <maximum length array: 10>
}
```

Fail Times:

```
{
  Notification Fail Time: 30
  Internal Processing Fail Time: 2
  Minimum ON/OFF Time: 2
  Schedule Evaluation Fail Time: 2
  External Command Fail Time: 5
  Program Object State Change Fail Time: 5
  Acknowledgement Fail Time: 2
  Slave Proxy Confirm Interval: 6
  Unconfirmed Response Fail Time: 4
  Activate Changes Fail Time: 60
  Auto Negotiation Fail Time: 15
  Foreign Device Registration Fail Time: 10
  Channel Write Fail Time: 30
}
```

List of Objects in test device:

```
{
  { --(device, 250002)
    object-identifier: (device, 250002)
    object-name: "Pi900-16790184"
    object-type: device
    system-status: 0
    vendor-name: "Heklatech AB"
    vendor-identifier: 1488
    model-name: "Mbus2BACnet"
```



firmware-revision: "1.4.1"

application-software-version: "2.0.0"

protocol-version: 1

protocol-revision: 24

protocol-services-supported: (

```
-- 0          9
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- removeListElement
-- | | | | | +-- addListElement
-- | | | | | +-- atomicWriteFile
-- | | | | | +-- atomicReadFile
-- | | | | | +-- subscribeCOV
-- | | | | | +-- getEnrollmentSummary
-- | | | | | +-- getAlarmSummary
-- | | | | | +-- confirmedEventNotification
-- | | | | | +-- confirmedCOVNotification
-- | | | | | +-- acknowledgeAlarm

-- 10         19
    F, F, T, F, T, T, F, T, F, F,
-- | | | | | +-- confirmedTextMessage
-- | | | | | +-- confirmedPrivateTransfer
-- | | | | | +-- deviceCommunicationControl
-- | | | | | +-- writePropertyMultiple
-- | | | | | +-- writeProperty
-- | | | | | +-- readPropertyMultiple
-- | | | | | +-- readPropertyConditional
-- | | | | | +-- readProperty
-- | | | | | +-- deleteObject
-- | | | | | +-- createObject

-- 20         29
    T, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- unconfirmedEventNotification
```



```
-- | | | | +-- unconfirmedCOVNotification
-- | | | | +-- i-Have
-- | | | | +-- i-Am
-- | | | +-- requestKey -- removed in version 1 revision 11
-- | | +-- authenticate -- removed in version 1 revision 11
-- | | +-- vtData
-- | +-- vtClose
-- | +-- vtOpen
-- +-- reinitializeDevice
```

```
-- 30          39
    F, F, F, T, T, F, F, F, F, F,
-- | | | | | +-- getEventInformation
-- | | | | | +-- subscribeCOVProperty
-- | | | | | +-- lifeSafetyOperation
-- | | | | | +-- utcTimeSynchronization
-- | | | | | +-- readRange
-- | | | | | +-- who-Is
-- | | | | | +-- who-Has
-- | | | | | +-- timeSynchronization
-- | | | | | +-- unconfirmedTextMessage
-- | | | | | +-- unconfirmedPrivateTransfer
```

```
-- 40          49
    F, F, F, F, F, F, F, F, F, F)
-- | | | | | +-- you-Are
-- | | | | | +-- who-Am-I
-- | | | | | +-- unconfirmedAuditNotification
-- | | | | | +-- auditLogQuery
-- | | | | | +-- confirmedAuditNotification
-- | | | | | +-- unconfirmedCovNotificationMultiple
-- | | | | | +-- confirmedCovNotificationMultiple
-- | | | | | +-- subscribeCovPropertyMultiple
-- | | | | | +-- writeGroup
```



protocol-object-types-supported: (

```
-- 0          9
    T, F, F, F, F, F, F, F, T, F,
-- | | | | | +-- event-enrollment
-- | | | | | +-- device
-- | | | | | +-- command
-- | | | | | +-- calendar
-- | | | | | +-- binary-value
-- | | | | | +-- binary-output
-- | | | | | +-- binary-input
-- | | | | | +-- analog-value
-- | | | | | +-- analog-output
-- | | | | | +-- analog-input
```

```
-- 10         19
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- multi-state-value
-- | | | | | +-- averaging
-- | | | | | +-- schedule
-- | | | | | +-- program
-- | | | | | +-- notification-class
-- | | | | | +-- multi-state-output
-- | | | | | +-- multi-state-input
-- | | | | | +-- loop
-- | | | | | +-- group
-- | | | | | +-- file
```

```
-- 20         29
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- structured-view
-- | | | | | +-- load-control
-- | | | | | +-- trend-log-multiple
```



```
-- | | | +-- global-group
-- | | | +-- event-log
-- | | +-- pulse-converter
-- | | +-- accumulator
-- | +-- life-safety-zone
-- | +-- life-safety-point
-- +-- trend-log

-- 30          39
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- bitstring-value
-- | | | | | +-- network-security (removed)
-- | | | | | +-- credential-data-input
-- | | | | | +-- access-zone
-- | | | | | +-- access-user
-- | | | | | +-- access-rights
-- | | | | | +-- access-point
-- | | | | | +-- access-credential
-- | | | | | +-- timer
-- | | | | | +-- access-door

-- 40          49
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- time-pattern-value
-- | | | | | +-- positive-integer-value
-- | | | | | +-- octetstring-value
-- | | | | | +-- large-analog-value
-- | | | | | +-- integer-value
-- | | | | | +-- datetime-value
-- | | | | | +-- datetime-pattern-value
-- | | | | | +-- date-value
-- | | | | | +-- date-pattern-value
-- | | | | | +-- characterstring-value
```



```
-- 50          59
      F, F, F, F, F, F, T, F, F, F,
--  |  |  |  |  |  +-- lift
--  |  |  |  |  +-- escalator
--  |  |  |  |  +-- elevator-group
--  |  |  |  +-- network-port
--  |  |  |  +-- binary-lighting-output
--  |  |  +-- lighting-output
--  |  |  +-- channel
--  |  +-- alert-enrollment
--  |  +-- notification-forwarder
--  +-- time-value
```

```
-- 60  62
      F, F, F, F, F)
--  |  +-- audit-reporter
--  |  +-- audit-log
--  +-- staging
```

object-list:

```
(
  (8, 250002),
  (network-port, 1),
  (analog-input, 1000),
  (analog-input, 1001),
  (analog-input, 1002),
  (analog-input, 1003),
  (analog-input, 1004),
  (analog-input, 1005),
  (analog-input, 1006),
  (analog-input, 1007),
  (analog-input, 1008),
  (analog-input, 1009),
```



(analog-input, 1010),
(analog-input, 1011),
(analog-input, 1012),
(analog-input, 1014),
(analog-input, 1015),
(analog-input, 1016),
(analog-input, 1017),
(analog-input, 1018),
(analog-input, 1019),
(analog-input, 1020),
(analog-input, 1021),
(analog-input, 1022),
(analog-input, 1023),
(analog-input, 1024),
(analog-input, 1025),
(analog-input, 1026),
(analog-input, 1027),
(analog-input, 1029),
(analog-input, 1030),
(analog-input, 1031),
(analog-input, 1032),
(analog-input, 1033),
(analog-input, 1034),
(analog-input, 1035),
(analog-input, 1036),
(analog-input, 1037),
(analog-input, 1038),
(analog-input, 1039),
(analog-input, 1040),
(analog-input, 2000),
(analog-input, 2001),
(analog-input, 2002),
(analog-input, 2003),
(analog-input, 2004),



(analog-input, 2005),
(analog-input, 2006),
(analog-input, 2007),
(analog-input, 2008),
(analog-input, 2009),
(analog-input, 2010),
(analog-input, 2011),
(analog-input, 2012),
(analog-input, 2013),
(analog-input, 2014),
(analog-input, 2015),
(analog-input, 2016),
(analog-input, 3000),
(analog-input, 3001),
(analog-input, 3002),
(analog-input, 3003),
(analog-input, 3004),
(analog-input, 3005),
(analog-input, 3006),
(analog-input, 3007),
(analog-input, 3008),
(analog-input, 3009),
(analog-input, 3010),
(analog-input, 3011),
(analog-input, 3012),
(analog-input, 3013),
(analog-input, 3014),
(analog-input, 3015),
(analog-input, 3016),
(analog-input, 3017),
(analog-input, 3018),
(analog-input, 3019),
(analog-input, 3020),
(analog-input, 3021),



(analog-input, 3022),
(analog-input, 3023),
(analog-input, 3024),
(analog-input, 3025),
(analog-input, 3026),
(analog-input, 3027),
(analog-input, 3028),
(analog-input, 3029),
(analog-input, 3030),
(analog-input, 3031),
(analog-input, 4000),
(analog-input, 4001),
(analog-input, 4002),
(analog-input, 4003),
(analog-input, 4004),
(analog-input, 4005),
(analog-input, 4006),
(analog-input, 4007),
(analog-input, 4008),
(analog-input, 4009),
(analog-input, 4010),
(analog-input, 4011),
(analog-input, 4012),
(analog-input, 4013),
(analog-input, 4014),
(analog-input, 4015),
(analog-input, 4016),
(analog-input, 4017),
(analog-input, 4018),
(analog-input, 4019),
(analog-input, 4020),
(analog-input, 4021),
(analog-input, 4022),
(analog-input, 4023),



(analog-input, 4024),
(analog-input, 4025),
(analog-input, 4026),
(analog-input, 4027),
(analog-input, 4028),
(analog-input, 4029),
(analog-input, 4030),
(analog-input, 4031),
(analog-input, 4032),
(analog-input, 4033),
(analog-input, 4034),
(analog-input, 4035),
(analog-input, 5000),
(analog-input, 5001),
(analog-input, 5002)
)
max-apdu-length-accepted: 1476
segmentation-supported: 3
apdu-timeout: 10000
number-of-apdu-retries: 3
device-address-binding: ?
database-revision: ?
description: "M-Bus to Bacnet"
local-time: ?
utc-offset: -60
local-date: ?
daylight-savings-status: False
location: "Sweden"
serial-number: "SN-16790184"
time-of-device-restart: ?
property-list:
(
 system-status,
 vendor-name,



```
vendor-identifier,  
model-name,  
firmware-revision,  
application-software-version,  
protocol-version,  
protocol-revision,  
protocol-services-supported,  
protocol-object-types-supported,  
object-list,  
max-apdu-length-accepted,  
segmentation-supported,  
apdu-timeout,  
number-of-apdu-retries,  
device-address-binding,  
database-revision,  
description,  
local-time,  
utc-offset,  
local-date,  
daylight-savings-status,  
location,  
serial-number,  
time-of-device-restart  
)  
}  
  
{ --(network-port, 1)  
  object-identifier: (network-port, 1)  
  object-name: "BACnet/IP Port"  
  object-type: network-port  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  reliability: NO-FAULT-DETECTED  
  out-of-service: False  
  network-type: 5
```



protocol-level: 2
changes-pending: False
description: ""
mac-address: X'c0a80167bac0'
bacnet-ip-mode: 0
ip-address: X'c0a80167'
bacnet-ip-udp-port: 47808
ip-subnet-mask: X'ffffff00'
ip-default-gateway: X'c0a80101'
ip-dns-server: { X'00000000', X'00000000', X'00000000' }
fd-bbmd-address: ?
fd-subscription-lifetime: 60000
apdu-length: 1476
network-number: 1
network-number-quality: 2
link-speed: 100000000.0
property-list:
(
 status-flags,
 reliability,
 out-of-service,
 network-type,
 protocol-level,
 changes-pending,
 description,
 mac-address,
 bacnet-ip-mode,
 ip-address,
 bacnet-ip-udp-port,
 ip-subnet-mask,
 ip-default-gateway,
 ip-dns-server,
 fd-bbmd-address,
 fd-subscription-lifetime,



```
        apdu-length,  
        network-number,  
        network-number-quality,  
        link-speed  
    )  
}  
  
{ --(analog-input, 1000)  
    object-identifier: (analog-input, 1000)  
    object-name: "21471394SEN5207.StatusByte"  
    object-type: analog-input  
    present-value: 20.0  
    status-flags: { FALSE, FALSE, FALSE, FALSE }  
    event-state: NORMAL  
    out-of-service: False W  
    units: 95  
    description: ""  
    reliability: NO-FAULT-DETECTED  
    property-list:  
    (  
        present-value,  
        status-flags,  
        event-state,  
        out-of-service,  
        units,  
        description,  
        reliability  
    )  
}  
  
{ --(analog-input, 1001)  
    object-identifier: (analog-input, 1001)  
    object-name: "21471394SEN5207.MeterID"  
    object-type: analog-input
```



present-value: 21471394.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 1002)
 object-identifier: (analog-input, 1002)
 object-name: "21471394SEN5207.Volume"
 object-type: analog-input
 present-value: 99999.9296875
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 80
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1003)  
  object-identifier: (analog-input, 1003)  
  object-name: "21471394SEN5207.Volume1"  
  object-type: analog-input  
  present-value: 0.11699999868869781  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 80  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1004)  
  object-identifier: (analog-input, 1004)  
  object-name: "21471394SEN5207.VolumeFlow"
```



object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 135
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 1005)
 object-identifier: (analog-input, 1005)
 object-name: "21471394SEN5207.FabricationNo"
 object-type: analog-input
 present-value: 21471394.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 95
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,



```
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1006)  
  object-identifier: (analog-input, 1006)  
  object-name: "21471394SEN5207.CustomerLocation"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1007)  
  object-identifier: (analog-input, 1007)
```



```
object-name: "21471394SEN5207.TimePoint"
object-type: analog-input
present-value: 2.119999885559082
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 1008)
  object-identifier: (analog-input, 1008)
  object-name: "21471394SEN5207.ErrorFlags"
  object-type: analog-input
  present-value: 17.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
```



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1009)  
  object-identifier: (analog-input, 1009)  
  object-name: "21471394SEN5207.TimePoint1"  
  object-type: analog-input  
  present-value: 31.1200008392334  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 1010)
```



object-identifier: (analog-input, 1010)
object-name: "21471394SEN5207.Volume2"
object-type: analog-input
present-value: 99999.9296875
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 80
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 1011)
 object-identifier: (analog-input, 1011)
 object-name: "21471394SEN5207.TimePoint2"
 object-type: analog-input
 present-value: 31.1200008392334
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 95
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 1012)
  object-identifier: (analog-input, 1012)
  object-name: "21471394SEN5207.Volume3"
  object-type: analog-input
  present-value: 99999.9296875
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 1014)
  object-identifier: (analog-input, 1014)
  object-name: "21471394SEN5207.VolumeFlow1"
  object-type: analog-input
  present-value: 5.400000095367432
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 1015)
  object-identifier: (analog-input, 1015)
  object-name: "21471394SEN5207.TimePoint3"
  object-type: analog-input
  present-value: 5.039999961853027
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 1016)
  object-identifier: (analog-input, 1016)
  object-name: "21471394SEN5207.VolumeFlow2"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 1017)
  object-identifier: (analog-input, 1017)
  object-name: "21471394SEN5207.TimePoint4"
  object-type: analog-input
  present-value: 5.039999961853027
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 1018)
  object-identifier: (analog-input, 1018)
  object-name: "21471394SEN5207.TimePoint5"
  object-type: analog-input
  present-value: 26.100000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)  
}
```

```
{ --(analog-input, 1019)  
  object-identifier: (analog-input, 1019)  
  object-name: "21471394SEN5207.VolumeFlow3"  
  object-type: analog-input  
  present-value: 4.050000190734863  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 135  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```



}

```
{ --(analog-input, 1020)
  object-identifier: (analog-input, 1020)
  object-name: "21471394SEN5207.TimePoint6"
  object-type: analog-input
  present-value: 31.049999237060547
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 1021)
  object-identifier: (analog-input, 1021)
  object-name: "21471394SEN5207.VolumeFlow4"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 1022)

 object-identifier: (analog-input, 1022)

 object-name: "21471394SEN5207.TimePoint7"

 object-type: analog-input

 present-value: 5.0399999961853027

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)



)
}

```
{ --(analog-input, 1023)
  object-identifier: (analog-input, 1023)
  object-name: "21471394SEN5207.TimePoint8"
  object-type: analog-input
  present-value: 5.039999961853027
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 1024)
  object-identifier: (analog-input, 1024)
  object-name: "21471394SEN5207.NumberOfTimesMeterWasStopped"
  object-type: analog-input
  present-value: -2.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
```



units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 1025)

 object-identifier: (analog-input, 1025)

 object-name: "21471394SEN5207.TimePoint9"

 object-type: analog-input

 present-value: 6.110000133514404

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 1026)
  object-identifier: (analog-input, 1026)
  object-name: "21471394SEN5207.TimePoint10"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 1027)
  object-identifier: (analog-input, 1027)
  object-name: "21471394SEN5207.OnTime"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 73

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 1029)

 object-identifier: (analog-input, 1029)

 object-name: "21471394SEN5207.TimePoint11"

 object-type: analog-input

 present-value: 30.110000610351562

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,



```
        description,
        reliability
    )
}

{ --(analog-input, 1030)
    object-identifier: (analog-input, 1030)
    object-name: "21471394SEN5207.Volume4"
    object-type: analog-input
    present-value: 99999.9296875
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 80
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 1031)
    object-identifier: (analog-input, 1031)
    object-name: "21471394SEN5207.Volume5"
    object-type: analog-input
    present-value: 0.11699999868869781
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 80

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 1032)

 object-identifier: (analog-input, 1032)

 object-name: "21471394SEN5207.ErrorFlags1"

 object-type: analog-input

 present-value: 17.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 1033)
  object-identifier: (analog-input, 1033)
  object-name: "21471394SEN5207.TimePoint12"
  object-type: analog-input
  present-value: 31.100000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 1034)
  object-identifier: (analog-input, 1034)
  object-name: "21471394SEN5207.Volume6"
  object-type: analog-input
  present-value: 99999.9296875
```



```
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 80
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 1035)
  object-identifier: (analog-input, 1035)
  object-name: "21471394SEN5207.Volume7"
  object-type: analog-input
  present-value: 0.11699999868869781
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
```



```
    out-of-service,
    units,
    description,
    reliability
)
}

{ --(analog-input, 1036)
  object-identifier: (analog-input, 1036)
  object-name: "21471394SEN5207.ErrorFlags2"
  object-type: analog-input
  present-value: 17.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 1037)
  object-identifier: (analog-input, 1037)
  object-name: "21471394SEN5207.TimePoint13"
  object-type: analog-input
```



present-value: 30.09000015258789
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 1038)
 object-identifier: (analog-input, 1038)
 object-name: "21471394SEN5207.Volume8"
 object-type: analog-input
 present-value: 99999.9296875
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 80
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1039)  
  object-identifier: (analog-input, 1039)  
  object-name: "21471394SEN5207.Volume9"  
  object-type: analog-input  
  present-value: 0.11699999868869781  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 80  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 1040)  
  object-identifier: (analog-input, 1040)  
  object-name: "21471394SEN5207.ErrorFlags3"
```



object-type: analog-input
present-value: 17.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 2000)
 object-identifier: (analog-input, 2000)
 object-name: "00000012BMT011B.StatusByte"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 95
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,



```
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2001)
  object-identifier: (analog-input, 2001)
  object-name: "00000012BMT011B.MeterID"
  object-type: analog-input
  present-value: 12.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2002)
  object-identifier: (analog-input, 2002)
```



```
object-name: "00000012BMT011B.ExtTemp"
object-type: analog-input
present-value: 22.649999618530273
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 2003)
  object-identifier: (analog-input, 2003)
  object-name: "00000012BMT011B.RelativeHumidity"
  object-type: analog-input
  present-value: 18.100000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
```



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 2004)  
  object-identifier: (analog-input, 2004)  
  object-name: "00000012BMT011B.ExtTemp1"  
  object-type: analog-input  
  present-value: 22.639999389648438  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 62  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 2005)
```



object-identifier: (analog-input, 2005)
object-name: "00000012BMT011B.ExtTemp2"
object-type: analog-input
present-value: 22.829999923706055
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 2006)
 object-identifier: (analog-input, 2006)
 object-name: "00000012BMT011B.ExtTemp3"
 object-type: analog-input
 present-value: 22.719999313354492
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 62
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 2007)
  object-identifier: (analog-input, 2007)
  object-name: "00000012BMT011B.RelativeHumidity1"
  object-type: analog-input
  present-value: 18.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 2008)
  object-identifier: (analog-input, 2008)
  object-name: "00000012BMT011B.RelativeHumidity2"
  object-type: analog-input
  present-value: 18.200000762939453
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 2009)
  object-identifier: (analog-input, 2009)
  object-name: "00000012BMT011B.RelativeHumidity3"
  object-type: analog-input
  present-value: 18.100000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 2010)
  object-identifier: (analog-input, 2010)
  object-name: "00000012BMT011B.ExtTemp4"
  object-type: analog-input
  present-value: 22.639999389648438
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 2011)
  object-identifier: (analog-input, 2011)
  object-name: "00000012BMT011B.ExtTemp5"
  object-type: analog-input
  present-value: 22.829999923706055
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 2012)
  object-identifier: (analog-input, 2012)
  object-name: "00000012BMT011B.ExtTemp6"
  object-type: analog-input
  present-value: 22.719999313354492
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)  
}
```

```
{ --(analog-input, 2013)  
  object-identifier: (analog-input, 2013)  
  object-name: "00000012BMT011B.RelativeHumidity4"  
  object-type: analog-input  
  present-value: 18.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 98  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```



}

```
{ --(analog-input, 2014)
  object-identifier: (analog-input, 2014)
  object-name: "00000012BMT011B.RelativeHumidity5"
  object-type: analog-input
  present-value: 18.200000762939453
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 2015)
  object-identifier: (analog-input, 2015)
  object-name: "00000012BMT011B.RelativeHumidity6"
  object-type: analog-input
  present-value: 18.100000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 2016)

object-identifier: (analog-input, 2016)

object-name: "00000012BMT011B.FabricationNo"

object-type: analog-input

present-value: 12.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability



```
)  
}  
  
{ --(analog-input, 3000)  
  object-identifier: (analog-input, 3000)  
  object-name: "67218462KAM3004.StatusByte"  
  object-type: analog-input  
  present-value: 10.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3001)  
  object-identifier: (analog-input, 3001)  
  object-name: "67218462KAM3004.MeterID"  
  object-type: analog-input  
  present-value: 67218464.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W
```



units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 3002)

 object-identifier: (analog-input, 3002)

 object-name: "67218462KAM3004.FabricationNo"

 object-type: analog-input

 present-value: 67218464.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 3003)
  object-identifier: (analog-input, 3003)
  object-name: "67218462KAM3004.Energy"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 3004)
  object-identifier: (analog-input, 3004)
  object-name: "67218462KAM3004.Energy1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 19

description: ""

reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)
```

}

{ --(analog-input, 3005)

object-identifier: (analog-input, 3005)

object-name: "67218462KAM3004.V1xTF"

object-type: analog-input

present-value: 0.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,
```



```
        description,
        reliability
    )
}

{ --(analog-input, 3006)
    object-identifier: (analog-input, 3006)
    object-name: "67218462KAM3004.V1xTR"
    object-type: analog-input
    present-value: 0.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 95
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 3007)
    object-identifier: (analog-input, 3007)
    object-name: "67218462KAM3004.Volume"
    object-type: analog-input
    present-value: 0.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 80

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 3008)

 object-identifier: (analog-input, 3008)

 object-name: "67218462KAM3004.OnTime"

 object-type: analog-input

 present-value: 4755.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 71

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 3009)
  object-identifier: (analog-input, 3009)
  object-name: "67218462KAM3004.OnTime1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 71
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 3010)
  object-identifier: (analog-input, 3010)
  object-name: "67218462KAM3004.FlowTemp"
  object-type: analog-input
  present-value: 23.309999465942383
```



```
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 3011)
  object-identifier: (analog-input, 3011)
  object-name: "67218462KAM3004.ReturnTemp"
  object-type: analog-input
  present-value: 21.90999984741211
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
```



```
    out-of-service,
    units,
    description,
    reliability
)
}

{ --(analog-input, 3012)
  object-identifier: (analog-input, 3012)
  object-name: "67218462KAM3004.TempDiff"
  object-type: analog-input
  present-value: 1.399999976158142
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 63
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 3013)
  object-identifier: (analog-input, 3013)
  object-name: "67218462KAM3004.Power"
  object-type: analog-input
```



present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 48
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 3014)
 object-identifier: (analog-input, 3014)
 object-name: "67218462KAM3004.Power1"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 48
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3015)  
  object-identifier: (analog-input, 3015)  
  object-name: "67218462KAM3004.VolumeFlow"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 135  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3016)  
  object-identifier: (analog-input, 3016)  
  object-name: "67218462KAM3004.VolumeFlow1"
```



object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 135
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 3017)
 object-identifier: (analog-input, 3017)
 object-name: "67218462KAM3004.ErrorFlags"
 object-type: analog-input
 present-value: 16.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 95
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,



```
status-flags,  
event-state,  
out-of-service,  
units,  
description,  
reliability  
)  
}  
  
{ --(analog-input, 3018)  
  object-identifier: (analog-input, 3018)  
  object-name: "67218462KAM3004.TimePoint"  
  object-type: analog-input  
  present-value: 28.100000381469727  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3019)  
  object-identifier: (analog-input, 3019)
```



```
object-name: "67218462KAM3004.Energy2"
object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 19
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 3020)
  object-identifier: (analog-input, 3020)
  object-name: "67218462KAM3004.Energy3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
```



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3021)  
  object-identifier: (analog-input, 3021)  
  object-name: "67218462KAM3004.V1xTF1"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3022)
```



object-identifier: (analog-input, 3022)
object-name: "67218462KAM3004.V1xTR1"
object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 3023)
 object-identifier: (analog-input, 3023)
 object-name: "67218462KAM3004.Volume1"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 80
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 3024)
  object-identifier: (analog-input, 3024)
  object-name: "67218462KAM3004.Power2"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 48
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 3025)
  object-identifier: (analog-input, 3025)
  object-name: "67218462KAM3004.VolumeFlow2"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 3026)
  object-identifier: (analog-input, 3026)
  object-name: "67218462KAM3004.TimePoint1"
  object-type: analog-input
  present-value: 30.09000015258789
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 3027)
  object-identifier: (analog-input, 3027)
  object-name: "67218462KAM3004.MeterNo_1"
  object-type: analog-input
  present-value: 67218464.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 3028)
  object-identifier: (analog-input, 3028)
  object-name: "67218462KAM3004.ConfigNo_1_DDDEE"
  object-type: analog-input
  present-value: 47210.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 3029)
  object-identifier: (analog-input, 3029)
  object-name: "67218462KAM3004.ConfigNo_2_FFGGMN"
  object-type: analog-input
  present-value: 13302000.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
```

```
{ --(analog-input, 3030)
  object-identifier: (analog-input, 3030)
  object-name: "67218462KAM3004.MeterType"
  object-type: analog-input
  present-value: 6145.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
}
```



}

```
{ --(analog-input, 3031)
  object-identifier: (analog-input, 3031)
  object-name: "67218462KAM3004.MetrologyFirmwareVersionNumber"
  object-type: analog-input
  present-value: 1793.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4000)
  object-identifier: (analog-input, 4000)
  object-name: "68002477LUG0704.StatusByte"
  object-type: analog-input
  present-value: 10.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 4001)

object-identifier: (analog-input, 4001)

object-name: "68002477LUG0704.MeterID"

object-type: analog-input

present-value: 68002480.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability



```
)  
}  
  
{ --(analog-input, 4002)  
  object-identifier: (analog-input, 4002)  
  object-name: "68002477LUG0704.ActualityDuration"  
  object-type: analog-input  
  present-value: 4.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 73  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4003)  
  object-identifier: (analog-input, 4003)  
  object-name: "68002477LUG0704.AveragingDuration"  
  object-type: analog-input  
  present-value: 8.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W
```



units: 73

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 4004)

 object-identifier: (analog-input, 4004)

 object-name: "68002477LUG0704.Energy"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 19

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 4005)
  object-identifier: (analog-input, 4005)
  object-name: "68002477LUG0704.Volume"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4006)
  object-identifier: (analog-input, 4006)
  object-name: "68002477LUG0704.Power"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 48

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 4007)

 object-identifier: (analog-input, 4007)

 object-name: "68002477LUG0704.VolumeFlow"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 135

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,



```
        description,
        reliability
    )
}

{ --(analog-input, 4008)
    object-identifier: (analog-input, 4008)
    object-name: "68002477LUG0704.FlowTemp"
    object-type: analog-input
    present-value: 23.3999999618530273
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 62
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 4009)
    object-identifier: (analog-input, 4009)
    object-name: "68002477LUG0704.ReturnTemp"
    object-type: analog-input
    present-value: 23.6000000381469727
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 62

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 4010)

 object-identifier: (analog-input, 4010)

 object-name: "68002477LUG0704.TempDiff"

 object-type: analog-input

 present-value: 0.20000000298023224

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 63

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4011)
  object-identifier: (analog-input, 4011)
  object-name: "68002477LUG0704.FabricationNo"
  object-type: analog-input
  present-value: 68002480.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4012)
  object-identifier: (analog-input, 4012)
  object-name: "68002477LUG0704.AveragingDuration1"
  object-type: analog-input
  present-value: 7.0
```



status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 72

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 4013)

object-identifier: (analog-input, 4013)

object-name: "68002477LUG0704.OnTime"

object-type: analog-input

present-value: 18755.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 71

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,



```
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4014)  
  object-identifier: (analog-input, 4014)  
  object-name: "68002477LUG0704.OnTime1"  
  object-type: analog-input  
  present-value: 18755.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 71  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4015)  
  object-identifier: (analog-input, 4015)  
  object-name: "68002477LUG0704.OnTime2"  
  object-type: analog-input
```



present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 71
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 4016)
 object-identifier: (analog-input, 4016)
 object-name: "68002477LUG0704.Energy1"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 19
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4017)  
  object-identifier: (analog-input, 4017)  
  object-name: "68002477LUG0704.Power1"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 48  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4018)  
  object-identifier: (analog-input, 4018)  
  object-name: "68002477LUG0704.VolumeFlow1"
```



object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 135
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 4019)
 object-identifier: (analog-input, 4019)
 object-name: "68002477LUG0704.FlowTemp1"
 object-type: analog-input
 present-value: 31.3999999618530273
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 62
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,



```
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4020)  
  object-identifier: (analog-input, 4020)  
  object-name: "68002477LUG0704.ReturnTemp1"  
  object-type: analog-input  
  present-value: 51.70000076293945  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 62  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4021)  
  object-identifier: (analog-input, 4021)
```



```
object-name: "68002477LUG0704.Power2"
object-type: analog-input
present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 48
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4022)
  object-identifier: (analog-input, 4022)
  object-name: "68002477LUG0704.VolumeFlow2"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
```



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4023)  
  object-identifier: (analog-input, 4023)  
  object-name: "68002477LUG0704.FlowTemp2"  
  object-type: analog-input  
  present-value: 38345632.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 62  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 4024)
```



object-identifier: (analog-input, 4024)
object-name: "68002477LUG0704.ReturnTemp2"
object-type: analog-input
present-value: 38345632.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 4025)
 object-identifier: (analog-input, 4025)
 object-name: "68002477LUG0704.Energy2"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 19
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4026)
  object-identifier: (analog-input, 4026)
  object-name: "68002477LUG0704.Volume1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 4027)
  object-identifier: (analog-input, 4027)
  object-name: "68002477LUG0704.OnTime3"
  object-type: analog-input
  present-value: 13252.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 71
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4028)
  object-identifier: (analog-input, 4028)
  object-name: "68002477LUG0704.OnTime4"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 71
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4029)
  object-identifier: (analog-input, 4029)
  object-name: "68002477LUG0704.Energy3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 4030)
  object-identifier: (analog-input, 4030)
  object-name: "68002477LUG0704.Power3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 48
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4031)
  object-identifier: (analog-input, 4031)
  object-name: "68002477LUG0704.VolumeFlow3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4032)
  object-identifier: (analog-input, 4032)
  object-name: "68002477LUG0704.FlowTemp3"
  object-type: analog-input
  present-value: 31.3999999618530273
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



}

```
{ --(analog-input, 4033)
  object-identifier: (analog-input, 4033)
  object-name: "68002477LUG0704.ReturnTemp3"
  object-type: analog-input
  present-value: 51.70000076293945
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4034)
  object-identifier: (analog-input, 4034)
  object-name: "68002477LUG0704.TimePoint"
  object-type: analog-input
  present-value: 1.0099999904632568
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 4035)

 object-identifier: (analog-input, 4035)

 object-name: "68002477LUG0704.TimePoint1"

 object-type: analog-input

 present-value: 17.079999923706055

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability



```
)
}

{ --(analog-input, 5000)
  object-identifier: (analog-input, 5000)
  object-name: "12345678HKTF0F0.StatusByte"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 5001)
  object-identifier: (analog-input, 5001)
  object-name: "12345678HKTF0F0.MeterID"
  object-type: analog-input
  present-value: 12345678.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
```



units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 5002)

 object-identifier: (analog-input, 5002)

 object-name: "12345678HKTF0F0.Energy"

 object-type: analog-input

 present-value: 0.00020500000391621143

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 19

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}
```

```
}
```

End of BACnet Protocol Implementation Conformance Statement

-- end of file --

PICS 0

BACnet Protocol Implementation Conformance Statement

--date of creation: 2025-12-18

Vendor Name: "Heklatech AB"

Product Name: "PiiGAB 900T Smart Gateway"

Product Model Number: "MBus2BACnet"

Product Description: "The MBus2Bacnet application is an M-Bus to Bacnet converter that runs on PiiGAB Pi-900 hardware [1]. The conversions are configured in the web interface on the Pi-900. Only Analog-Input values are supported. The Pi-900 takes care of ethernet settings. [1]
<https://www.piigab.com>"

BIBBs Supported:

```
{
  DS-RP-B
  DS-RPM-B
  DS-WP-B
  DM-DDB-B
  DM-DOB-B
  DM-DCC-B
  DM-RD-B
  GW-EO-B
}
```

BACnet Standard Application Services Supported:



```
{  
    DeviceCommunicationControl    Execute  
    ReadProperty                  Execute  
    ReadPropertyMultiple          Execute  
    ReinitializeDevice            Execute  
    Who-Has                       Execute  
    Who-Is                       Execute  
    WriteProperty                 Execute  
    I-Am                         Initiate  
    I-Have                       Initiate  
}
```

Standard Object Types Supported:

```
{  
    Analog Input  
    Device  
    Network Port  
}
```

Data Link Layer Option:

```
{  
    BACnet/IP, 'DIX' Ethernet  
}
```

Character Sets Supported:

```
{  
    ISO 10646 (UTF-8)  
}
```

Special Functionality:

```
{  
    Maximum APDU size in octets: 1476  
}
```



Default Property Value Restrictions:

```
{  
  unsigned-integer: <minimum: 0; maximum: 18446744073709551615>  
  signed-integer: <minimum: -9223372036854775808; maximum: 9223372036854775807>  
  real: <minimum: -3.40282347E38; maximum: 3.40282347E38; resolution: 0.01>  
  double: <minimum: -1.7976931348623157E+308; maximum: 1.7976931348623157E+308;  
  resolution: 0.0001>  
  date: <minimum: 01-January-1970; maximum: 31-December-2038>  
  octet-string: <maximum length string: 256>  
  character-string: <maximum length string: 64>  
  list: <maximum length list: 10>  
  variable-length-array: <maximum length array: 10>  
}
```

Fail Times:

```
{  
  Notification Fail Time: 30  
  Internal Processing Fail Time: 2  
  Minimum ON/OFF Time: 2  
  Schedule Evaluation Fail Time: 2  
  External Command Fail Time: 5  
  Program Object State Change Fail Time: 5  
  Acknowledgement Fail Time: 2  
  Slave Proxy Confirm Interval: 6  
  Unconfirmed Response Fail Time: 4  
  Activate Changes Fail Time: 60  
  Auto Negotiation Fail Time: 15  
  Foreign Device Registration Fail Time: 10  
  Channel Write Fail Time: 30  
}
```

List of Objects in test device:

```
{  
{ --(device, 4488)  
  object-identifier: (device, 4488)
```



```
object-name: "Pi900-16812942"
object-type: device
system-status: 0
vendor-name: "Heklatech AB"
vendor-identifier: 1488
model-name: "Mbus2BACnet"
firmware-revision: "1.4.1"
application-software-version: "2.0.0"
protocol-version: 1
protocol-revision: 24
protocol-services-supported: (
-- 0          9
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- removeListElement
-- | | | | | +-- addListElement
-- | | | | | +-- atomicWriteFile
-- | | | | | +-- atomicReadFile
-- | | | | | +-- subscribeCOV
-- | | | +-- getEnrollmentSummary
-- | | +-- getAlarmSummary
-- | | +-- confirmedEventNotification
-- | | +-- confirmedCOVNotification
-- | +-- acknowledgeAlarm

-- 10         19
    F, F, T, F, T, T, F, T, F, F,
-- | | | | | +-- confirmedTextMessage
-- | | | | | +-- confirmedPrivateTransfer
-- | | | | | +-- deviceCommunicationControl
-- | | | | | +-- writePropertyMultiple
-- | | | | | +-- writeProperty
-- | | | | | +-- readPropertyMultiple
-- | | | | | +-- readPropertyConditional
-- | | | | | +-- readProperty
```



```
-- | +-- deleteObject
-- +-- createObject

-- 20          29
    T, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- unconfirmedEventNotification
-- | | | | | +-- unconfirmedCOVNotification
-- | | | | | +-- i-Have
-- | | | | | +-- i-Am
-- | | | +-- requestKey -- removed in version 1 revision 11
-- | | +-- authenticate -- removed in version 1 revision 11
-- | | +-- vtData
-- | +-- vtClose
-- | +-- vtOpen
-- +-- reinitializeDevice

-- 30          39
    F, F, F, T, T, F, F, F, F, F,
-- | | | | | +-- getEventInformation
-- | | | | | +-- subscribeCOVProperty
-- | | | | | +-- lifeSafetyOperation
-- | | | | | +-- utcTimeSynchronization
-- | | | | | +-- readRange
-- | | | | | +-- who-Is
-- | | | | | +-- who-Has
-- | | | | | +-- timeSynchronization
-- | +-- unconfirmedTextMessage
-- +-- unconfirmedPrivateTransfer

-- 40          49
    F, F, F, F, F, F, F, F, F, F)
-- | | | | | +-- you-Are
-- | | | | | +-- who-Am-I
-- | | | | | +-- unconfirmedAuditNotification
```



```
-- | | | +-- auditLogQuery
-- | | +-- confirmedAuditNotification
-- | | +-- unconfirmedCovNotificationMultiple
-- | + -- confirmedCovNotificationMultiple
-- | + -- subscribeCovPropertyMultiple
-- +-- writeGroup
```

protocol-object-types-supported: (

```
-- 0          9
    T, F, F, F, F, F, F, F, T, F,
-- | | | | | +-- event-enrollment
-- | | | | +-- device
-- | | | | +-- command
-- | | | +-- calendar
-- | | | +-- binary-value
-- | | +-- binary-output
-- | | +-- binary-input
-- | +-- analog-value
-- | +-- analog-output
-- +-- analog-input
```

```
-- 10          19
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- multi-state-value
-- | | | | +-- averaging
-- | | | | +-- schedule
-- | | | +-- program
-- | | | +-- notification-class
-- | | +-- multi-state-output
-- | | +-- multi-state-input
-- | +-- loop
-- | +-- group
-- +-- file
```



```
-- 20                29
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- structured-view
-- | | | | | +-- load-control
-- | | | | | +-- trend-log-multiple
-- | | | | | +-- global-group
-- | | | | | +-- event-log
-- | | | | | +-- pulse-converter
-- | | | | | +-- accumulator
-- | | | | | +-- life-safety-zone
-- | | | | | +-- life-safety-point
-- | | | | | +-- trend-log

-- 30                39
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- bitstring-value
-- | | | | | +-- network-security (removed)
-- | | | | | +-- credential-data-input
-- | | | | | +-- access-zone
-- | | | | | +-- access-user
-- | | | | | +-- access-rights
-- | | | | | +-- access-point
-- | | | | | +-- access-credential
-- | | | | | +-- timer
-- | | | | | +-- access-door

-- 40                49
    F, F, F, F, F, F, F, F, F, F,
-- | | | | | +-- time-pattern-value
-- | | | | | +-- positive-integer-value
-- | | | | | +-- octetstring-value
-- | | | | | +-- large-analog-value
-- | | | | | +-- integer-value
```



```
-- | | +-- datetime-value
-- | | +-- datetime-pattern-value
-- | +-- date-value
-- | +-- date-pattern-value
-- +-- characterstring-value

-- 50          59
    F, F, F, F, F, F, T, F, F, F,
-- | | | | | +-- lift
-- | | | | +-- escalator
-- | | | | +-- elevator-group
-- | | | +-- network-port
-- | | | +-- binary-lighting-output
-- | | +-- lighting-output
-- | | +-- channel
-- | +-- alert-enrollment
-- | +-- notification-forwarder
-- +-- time-value

-- 60 62
    F, F, F, F, F)
-- | +-- audit-reporter
-- | +-- audit-log
-- +-- staging
```

object-list:

```
(
  (8, 4488),
  (network-port, 1),
  (analog-input, 1000),
  (analog-input, 1001),
  (analog-input, 1002),
  (analog-input, 1003),
```



(analog-input, 2000),
(analog-input, 2001),
(analog-input, 2002),
(analog-input, 2003),
(analog-input, 2004),
(analog-input, 2005),
(analog-input, 2006),
(analog-input, 2007),
(analog-input, 2008),
(analog-input, 2009),
(analog-input, 2010),
(analog-input, 2011),
(analog-input, 2012),
(analog-input, 2013),
(analog-input, 2014),
(analog-input, 2015),
(analog-input, 2016),
(analog-input, 3000),
(analog-input, 3001),
(analog-input, 3002),
(analog-input, 4000),
(analog-input, 4001),
(analog-input, 4002),
(analog-input, 4003),
(analog-input, 4004),
(analog-input, 4005),
(analog-input, 4006),
(analog-input, 4007),
(analog-input, 4008),
(analog-input, 4009),
(analog-input, 4010),
(analog-input, 4011),
(analog-input, 4012),
(analog-input, 4013),



(analog-input, 4014),
(analog-input, 4015),
(analog-input, 4016),
(analog-input, 4017),
(analog-input, 4018),
(analog-input, 4019),
(analog-input, 4020),
(analog-input, 4021),
(analog-input, 4022),
(analog-input, 4023),
(analog-input, 4024),
(analog-input, 4025),
(analog-input, 4026),
(analog-input, 4027),
(analog-input, 4028),
(analog-input, 4029),
(analog-input, 5000),
(analog-input, 5001),
(analog-input, 5002),
(analog-input, 5003),
(analog-input, 5004),
(analog-input, 5005),
(analog-input, 5006),
(analog-input, 5007),
(analog-input, 5008),
(analog-input, 5009),
(analog-input, 5010),
(analog-input, 5011),
(analog-input, 5012),
(analog-input, 5013),
(analog-input, 5014),
(analog-input, 5015),
(analog-input, 5016),
(analog-input, 5017),



(analog-input, 5018),
(analog-input, 5019),
(analog-input, 5020),
(analog-input, 5021),
(analog-input, 5022),
(analog-input, 5023),
(analog-input, 5024),
(analog-input, 5025),
(analog-input, 5026),
(analog-input, 5027),
(analog-input, 5028)
)
max-apdu-length-accepted: 1476
segmentation-supported: 3
apdu-timeout: 10000
number-of-apdu-retries: 3
device-address-binding: ?
database-revision: 1
description: "M-Bus to Bacnet"
local-time: 14:34:51
utc-offset: -60
local-date: 19-November-2025
daylight-savings-status: False
location: "Sweden"
serial-number: "SN-16812942"
time-of-device-restart: { 19-November-2025, 14:34:09 }
property-list:
(
 system-status,
 vendor-name,
 vendor-identifier,
 model-name,
 firmware-revision,
 application-software-version,



```
protocol-version,  
protocol-revision,  
protocol-services-supported,  
protocol-object-types-supported,  
object-list,  
max-apdu-length-accepted,  
segmentation-supported,  
apdu-timeout,  
number-of-apdu-retries,  
device-address-binding,  
database-revision,  
description,  
local-time,  
utc-offset,  
local-date,  
daylight-savings-status,  
location,  
serial-number,  
time-of-device-restart  
)  
}  
  
{ --(network-port, 1)  
  object-identifier: (network-port, 1)  
  object-name: "BACnet/IP Port"  
  object-type: network-port  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  reliability: NO-FAULT-DETECTED  
  out-of-service: False  
  network-type: 5  
  protocol-level: 2  
  changes-pending: False  
  description: ""  
  mac-address: X'c0a80166bac0'
```



bacnet-ip-mode: 0
ip-address: X'c0a80166'
bacnet-ip-udp-port: 47808
ip-subnet-mask: X'ffffff00'
ip-default-gateway: X'c0a80101'
ip-dns-server: { X'00000000', X'00000000', X'00000000' } W
fd-bbmd-address: ?
fd-subscription-lifetime: 60000
apdu-length: 1476
network-number: ?
network-number-quality: ?
link-speed: 100000000.0
property-list:
(
 status-flags,
 reliability,
 out-of-service,
 network-type,
 protocol-level,
 changes-pending,
 description,
 mac-address,
 bacnet-ip-mode,
 ip-address,
 bacnet-ip-udp-port,
 ip-subnet-mask,
 ip-default-gateway,
 ip-dns-server,
 fd-bbmd-address,
 fd-subscription-lifetime,
 apdu-length,
 network-number,
 network-number-quality,
 link-speed



```
)  
}
```

```
{ --(analog-input, 1000)  
  object-identifier: (analog-input, 1000)  
  object-name: "53880741INV4007.StatusByte"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, TRUE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: COMMUNICATION-FAILURE  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 1001)  
  object-identifier: (analog-input, 1001)  
  object-name: "53880741INV4007.MeterID"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, TRUE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W
```



units: 95

description: ""

reliability: COMMUNICATION-FAILURE

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 1002)

 object-identifier: (analog-input, 1002)

 object-name: "53880741INV4007.FabricationNo"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, TRUE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: COMMUNICATION-FAILURE

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 1003)
  object-identifier: (analog-input, 1003)
  object-name: "53880741INV4007.Volume"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, TRUE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: COMMUNICATION-FAILURE
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2000)
  object-identifier: (analog-input, 2000)
  object-name: "00000012BMT011B.StatusByte"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 2001)

 object-identifier: (analog-input, 2001)

 object-name: "00000012BMT011B.MeterID"

 object-type: analog-input

 present-value: 12.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,



```
        description,
        reliability
    )
}

{ --(analog-input, 2002)
    object-identifier: (analog-input, 2002)
    object-name: "00000012BMT011B.ExtTemp"
    object-type: analog-input
    present-value: 22.649999618530273
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 62
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 2003)
    object-identifier: (analog-input, 2003)
    object-name: "00000012BMT011B.RelativeHumidity"
    object-type: analog-input
    present-value: 18.100000381469727
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 98

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 2004)

 object-identifier: (analog-input, 2004)

 object-name: "00000012BMT011B.ExtTemp1"

 object-type: analog-input

 present-value: 22.6399999389648438

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 62

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2005)
  object-identifier: (analog-input, 2005)
  object-name: "00000012BMT011B.ExtTemp2"
  object-type: analog-input
  present-value: 22.829999923706055
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2006)
  object-identifier: (analog-input, 2006)
  object-name: "00000012BMT011B.ExtTemp3"
  object-type: analog-input
  present-value: 22.719999313354492
```



```
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 2007)
  object-identifier: (analog-input, 2007)
  object-name: "00000012BMT011B.RelativeHumidity1"
  object-type: analog-input
  present-value: 18.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
```



```
    out-of-service,
    units,
    description,
    reliability
)
}

{ --(analog-input, 2008)
  object-identifier: (analog-input, 2008)
  object-name: "00000012BMT011B.RelativeHumidity2"
  object-type: analog-input
  present-value: 18.200000762939453
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 98
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 2009)
  object-identifier: (analog-input, 2009)
  object-name: "00000012BMT011B.RelativeHumidity3"
  object-type: analog-input
```



present-value: 18.100000381469727
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 98
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 2010)
 object-identifier: (analog-input, 2010)
 object-name: "00000012BMT011B.ExtTemp4"
 object-type: analog-input
 present-value: 22.639999389648438
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 62
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 2011)  
  object-identifier: (analog-input, 2011)  
  object-name: "00000012BMT011B.ExtTemp5"  
  object-type: analog-input  
  present-value: 22.829999923706055  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 62  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 2012)  
  object-identifier: (analog-input, 2012)  
  object-name: "00000012BMT011B.ExtTemp6"
```



object-type: analog-input
present-value: 22.719999313354492
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)  
}
```

```
{ --(analog-input, 2013)  
  object-identifier: (analog-input, 2013)  
  object-name: "00000012BMT011B.RelativeHumidity4"  
  object-type: analog-input  
  present-value: 18.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 98  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
    (  
      present-value,
```



```
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 2014)  
  object-identifier: (analog-input, 2014)  
  object-name: "00000012BMT011B.RelativeHumidity5"  
  object-type: analog-input  
  present-value: 18.200000762939453  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 98  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 2015)  
  object-identifier: (analog-input, 2015)
```



object-name: "00000012BMT011B.RelativeHumidity6"

object-type: analog-input

present-value: 18.100000381469727

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 98

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 2016)

 object-identifier: (analog-input, 2016)

 object-name: "00000012BMT011B.FabricationNo"

 object-type: analog-input

 present-value: 12.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 95

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 3000)  
  object-identifier: (analog-input, 3000)  
  object-name: "12345678HKTF0F0.StatusByte"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 3001)
```



object-identifier: (analog-input, 3001)
object-name: "12345678HKTF0F0.MeterID"
object-type: analog-input
present-value: 12345678.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 3002)
 object-identifier: (analog-input, 3002)
 object-name: "12345678HKTF0F0.Energy"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 19
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4000)
  object-identifier: (analog-input, 4000)
  object-name: "67218462KAM3004.StatusByte"
  object-type: analog-input
  present-value: 10.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 4001)
  object-identifier: (analog-input, 4001)
  object-name: "67218462KAM3004.MeterID"
  object-type: analog-input
  present-value: 67218464.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4002)
  object-identifier: (analog-input, 4002)
  object-name: "67218462KAM3004.FabricationNo"
  object-type: analog-input
  present-value: 67218464.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 4003)
  object-identifier: (analog-input, 4003)
  object-name: "67218462KAM3004.Energy"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 4004)
  object-identifier: (analog-input, 4004)
  object-name: "67218462KAM3004.Energy1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4005)
  object-identifier: (analog-input, 4005)
  object-name: "67218462KAM3004.V1xTF"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)  
}  
  
{ --(analog-input, 4006)  
  object-identifier: (analog-input, 4006)  
  object-name: "67218462KAM3004.V1xTR"  
  object-type: analog-input  
  present-value: 0.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```



}

```
{ --(analog-input, 4007)
  object-identifier: (analog-input, 4007)
  object-name: "67218462KAM3004.Volume"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 4008)
  object-identifier: (analog-input, 4008)
  object-name: "67218462KAM3004.OnTime"
  object-type: analog-input
  present-value: 4755.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 71
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 4009)

object-identifier: (analog-input, 4009)

object-name: "67218462KAM3004.OnTime1"

object-type: analog-input

present-value: 0.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 71

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability



```
)  
}  
  
{ --(analog-input, 4010)  
  object-identifier: (analog-input, 4010)  
  object-name: "67218462KAM3004.FlowTemp"  
  object-type: analog-input  
  present-value: 23.3099999465942383  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 62  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4011)  
  object-identifier: (analog-input, 4011)  
  object-name: "67218462KAM3004.ReturnTemp"  
  object-type: analog-input  
  present-value: 21.909999984741211  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W
```



units: 62

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 4012)

 object-identifier: (analog-input, 4012)

 object-name: "67218462KAM3004.TempDiff"

 object-type: analog-input

 present-value: 1.3999999976158142

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 63

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 4013)
  object-identifier: (analog-input, 4013)
  object-name: "67218462KAM3004.Power"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 48
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4014)
  object-identifier: (analog-input, 4014)
  object-name: "67218462KAM3004.Power1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 48

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 4015)

 object-identifier: (analog-input, 4015)

 object-name: "67218462KAM3004.VolumeFlow"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 135

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,



```
        description,
        reliability
    )
}

{ --(analog-input, 4016)
    object-identifier: (analog-input, 4016)
    object-name: "67218462KAM3004.VolumeFlow1"
    object-type: analog-input
    present-value: 0.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 135
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 4017)
    object-identifier: (analog-input, 4017)
    object-name: "67218462KAM3004.ErrorFlags"
    object-type: analog-input
    present-value: 16.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 95

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 4018)

 object-identifier: (analog-input, 4018)

 object-name: "67218462KAM3004.Energy2"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 19

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4019)
  object-identifier: (analog-input, 4019)
  object-name: "67218462KAM3004.Energy3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4020)
  object-identifier: (analog-input, 4020)
  object-name: "67218462KAM3004.V1xTF1"
  object-type: analog-input
  present-value: 0.0
```



```
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 4021)
  object-identifier: (analog-input, 4021)
  object-name: "67218462KAM3004.V1xTR1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
```



```
    out-of-service,
    units,
    description,
    reliability
)
}

{ --(analog-input, 4022)
  object-identifier: (analog-input, 4022)
  object-name: "67218462KAM3004.Volume1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 4023)
  object-identifier: (analog-input, 4023)
  object-name: "67218462KAM3004.Power2"
  object-type: analog-input
```



present-value: 0.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 48
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 4024)
 object-identifier: (analog-input, 4024)
 object-name: "67218462KAM3004.VolumeFlow2"
 object-type: analog-input
 present-value: 0.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 135
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4025)  
  object-identifier: (analog-input, 4025)  
  object-name: "67218462KAM3004.MeterNo_1"  
  object-type: analog-input  
  present-value: 67218464.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4026)  
  object-identifier: (analog-input, 4026)  
  object-name: "67218462KAM3004.ConfigNo_1_DDDEE"
```



object-type: analog-input
present-value: 47210.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 4027)
 object-identifier: (analog-input, 4027)
 object-name: "67218462KAM3004.ConfigNo_2_FFGGMN"
 object-type: analog-input
 present-value: 13302000.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 95
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,



```
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4028)  
  object-identifier: (analog-input, 4028)  
  object-name: "67218462KAM3004.MeterType"  
  object-type: analog-input  
  present-value: 6145.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 4029)  
  object-identifier: (analog-input, 4029)
```



```
object-name: "67218462KAM3004.MetrologyFirmwareVersionNumber"
object-type: analog-input
present-value: 1793.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 95
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}
```

```
{ --(analog-input, 5000)
  object-identifier: (analog-input, 5000)
  object-name: "68002477LUG0704.StatusByte"
  object-type: analog-input
  present-value: 10.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
```



```
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}  
  
{ --(analog-input, 5001)  
  object-identifier: (analog-input, 5001)  
  object-name: "68002477LUG0704.MeterID"  
  object-type: analog-input  
  present-value: 68002480.0  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 95  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```

```
{ --(analog-input, 5002)
```



object-identifier: (analog-input, 5002)
object-name: "68002477LUG0704.ActualityDuration"
object-type: analog-input
present-value: 4.0
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 73
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 5003)
 object-identifier: (analog-input, 5003)
 object-name: "68002477LUG0704.AveragingDuration"
 object-type: analog-input
 present-value: 8.0
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 73
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:



```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 5004)
  object-identifier: (analog-input, 5004)
  object-name: "68002477LUG0704.Energy"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 19
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 5005)
  object-identifier: (analog-input, 5005)
  object-name: "68002477LUG0704.Volume"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 5006)
  object-identifier: (analog-input, 5006)
  object-name: "68002477LUG0704.Power"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 48
  description: ""
  reliability: NO-FAULT-DETECTED
```



property-list:

```
(
  present-value,
  status-flags,
  event-state,
  out-of-service,
  units,
  description,
  reliability
)
}

{ --(analog-input, 5007)
  object-identifier: (analog-input, 5007)
  object-name: "68002477LUG0704.VolumeFlow"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
    (
      present-value,
      status-flags,
      event-state,
      out-of-service,
      units,
      description,
      reliability
    )
  }
```



```
{ --(analog-input, 5008)
  object-identifier: (analog-input, 5008)
  object-name: "68002477LUG0704.FlowTemp"
  object-type: analog-input
  present-value: 23.3999999618530273
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 5009)
  object-identifier: (analog-input, 5009)
  object-name: "68002477LUG0704.ReturnTemp"
  object-type: analog-input
  present-value: 23.600000381469727
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
```



reliability: NO-FAULT-DETECTED

property-list:

```
(  
  present-value,  
  status-flags,  
  event-state,  
  out-of-service,  
  units,  
  description,  
  reliability  
)  
}  
  
{ --(analog-input, 5010)  
  object-identifier: (analog-input, 5010)  
  object-name: "68002477LUG0704.TempDiff"  
  object-type: analog-input  
  present-value: 0.20000000298023224  
  status-flags: { FALSE, FALSE, FALSE, FALSE }  
  event-state: NORMAL  
  out-of-service: False W  
  units: 63  
  description: ""  
  reliability: NO-FAULT-DETECTED  
  property-list:  
  (  
    present-value,  
    status-flags,  
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
  )  
}
```



}

```
{ --(analog-input, 5011)
  object-identifier: (analog-input, 5011)
  object-name: "68002477LUG0704.FabricationNo"
  object-type: analog-input
  present-value: 68002480.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 95
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 5012)
  object-identifier: (analog-input, 5012)
  object-name: "68002477LUG0704.AveragingDuration1"
  object-type: analog-input
  present-value: 7.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 72
```



description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 5013)

object-identifier: (analog-input, 5013)

object-name: "68002477LUG0704.Energy1"

object-type: analog-input

present-value: 0.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 19

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability



)
}

```
{ --(analog-input, 5014)
  object-identifier: (analog-input, 5014)
  object-name: "68002477LUG0704.Power1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 48
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}
```

```
{ --(analog-input, 5015)
  object-identifier: (analog-input, 5015)
  object-name: "68002477LUG0704.VolumeFlow1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
```



units: 135

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability

)

}

{ --(analog-input, 5016)

 object-identifier: (analog-input, 5016)

 object-name: "68002477LUG0704.FlowTemp1"

 object-type: analog-input

 present-value: 31.3999999618530273

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 62

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,



```
    reliability
  )
}

{ --(analog-input, 5017)
  object-identifier: (analog-input, 5017)
  object-name: "68002477LUG0704.ReturnTemp1"
  object-type: analog-input
  present-value: 51.70000076293945
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 62
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 5018)
  object-identifier: (analog-input, 5018)
  object-name: "68002477LUG0704.Power2"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
```



out-of-service: False W

units: 48

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 5019)

 object-identifier: (analog-input, 5019)

 object-name: "68002477LUG0704.VolumeFlow2"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 135

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,



```
        description,
        reliability
    )
}

{ --(analog-input, 5020)
    object-identifier: (analog-input, 5020)
    object-name: "68002477LUG0704.FlowTemp2"
    object-type: analog-input
    present-value: 38345632.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
    event-state: NORMAL
    out-of-service: False W
    units: 62
    description: ""
    reliability: NO-FAULT-DETECTED
    property-list:
    (
        present-value,
        status-flags,
        event-state,
        out-of-service,
        units,
        description,
        reliability
    )
}

{ --(analog-input, 5021)
    object-identifier: (analog-input, 5021)
    object-name: "68002477LUG0704.ReturnTemp2"
    object-type: analog-input
    present-value: 38345632.0
    status-flags: { FALSE, FALSE, FALSE, FALSE }
```



event-state: NORMAL

out-of-service: False W

units: 62

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)

}

{ --(analog-input, 5022)

 object-identifier: (analog-input, 5022)

 object-name: "68002477LUG0704.Energy2"

 object-type: analog-input

 present-value: 0.0

 status-flags: { FALSE, FALSE, FALSE, FALSE }

 event-state: NORMAL

 out-of-service: False W

 units: 19

 description: ""

 reliability: NO-FAULT-DETECTED

 property-list:

(
 present-value,
 status-flags,
 event-state,
 out-of-service,



```
    units,
    description,
    reliability
  )
}

{ --(analog-input, 5023)
  object-identifier: (analog-input, 5023)
  object-name: "68002477LUG0704.Volume1"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 80
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 5024)
  object-identifier: (analog-input, 5024)
  object-name: "68002477LUG0704.Energy3"
  object-type: analog-input
  present-value: 0.0
```



status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 19

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,

out-of-service,

units,

description,

reliability

)

}

{ --(analog-input, 5025)

object-identifier: (analog-input, 5025)

object-name: "68002477LUG0704.Power3"

object-type: analog-input

present-value: 0.0

status-flags: { FALSE, FALSE, FALSE, FALSE }

event-state: NORMAL

out-of-service: False W

units: 48

description: ""

reliability: NO-FAULT-DETECTED

property-list:

(

present-value,

status-flags,

event-state,



```
    out-of-service,
    units,
    description,
    reliability
)
}

{ --(analog-input, 5026)
  object-identifier: (analog-input, 5026)
  object-name: "68002477LUG0704.VolumeFlow3"
  object-type: analog-input
  present-value: 0.0
  status-flags: { FALSE, FALSE, FALSE, FALSE }
  event-state: NORMAL
  out-of-service: False W
  units: 135
  description: ""
  reliability: NO-FAULT-DETECTED
  property-list:
  (
    present-value,
    status-flags,
    event-state,
    out-of-service,
    units,
    description,
    reliability
  )
}

{ --(analog-input, 5027)
  object-identifier: (analog-input, 5027)
  object-name: "68002477LUG0704.FlowTemp3"
  object-type: analog-input
```



present-value: 31.399999618530273
status-flags: { FALSE, FALSE, FALSE, FALSE }
event-state: NORMAL
out-of-service: False W
units: 62
description: ""
reliability: NO-FAULT-DETECTED
property-list:
(
 present-value,
 status-flags,
 event-state,
 out-of-service,
 units,
 description,
 reliability
)
}

{ --(analog-input, 5028)
 object-identifier: (analog-input, 5028)
 object-name: "68002477LUG0704.ReturnTemp3"
 object-type: analog-input
 present-value: 51.70000076293945
 status-flags: { FALSE, FALSE, FALSE, FALSE }
 event-state: NORMAL
 out-of-service: False W
 units: 62
 description: ""
 reliability: NO-FAULT-DETECTED
 property-list:
 (
 present-value,
 status-flags,



```
    event-state,  
    out-of-service,  
    units,  
    description,  
    reliability  
)  
}  
  
}  
End of BACnet Protocol Implementation Conformance Statement  
  
-- end of file --
```