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BACnet™ Protocol Implementation Conformance Statement

Vendor Name: Prolon
Product Name: VC2000 series VAV Controller
Description: The VC2000 series VAV (Variable Air Volume) controller is a programmable zone controller that can communicate using Modbus, BACnet MS/TP protocols.

PICS BACnet Device Profile Conformance

B-SS	Complete
B-SA	Complete
B-ASC	Complete
B-AAC	Partial
B-BC	Partial
B-OWS	Partial

PICS BACnet Standard Application Services Supported

Application Service	Initiates Request	Executes Request
ReadProperty	No	Yes
ReadPropertyMultiple	No	Yes
WriteProperty	No	Yes
WritePropertyMultiple	No	Yes
DeviceCommunicationControl	No	Yes
ReinitializeDevice	No	Yes
WhoIs	No	Yes
IAm	Yes	No
WhoHas	No	Yes
IHave	Yes	No
ConfirmedPrivateTransfer	Yes	Yes
UnconfirmedPrivateTransfer	Yes	Yes

PICS Standard Object Types Supported

Object Type	Dynamically Creatable	Dynamically Deletable	Writable	Datatype Range Restrictions
Analog Value	No	No	Yes	None
Binary Value	No	No	Yes	None
Multi-State Value	No	No	Yes	None
Device	N/A	N/A	Yes	N/A

Optional Properties Supported for Object Types

Object Type	Optional Properties Supported
Device	Location

Optionally Writable Properties that Support Writing

Object Type	Optional Writable Properties Supported
Device	Location
Device	Max_Master

Message Capabilities

Feature	Supported	Window Size
Segmented Request	No	N/A
Segmented Response	No	N/A

Maximum APDU Length

Maximum APDU Length accepted	214 octets
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PICS Data Link Layer Option

BACnet MS/TP master Baudrates: 9600, 19200, 38400, 57600, 76800 Stop Bits: 1 or 2 stop bits Parity: Even, odd or no parity	Yes
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PICS Character Sets Supported

ANSI X3.4	Yes
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BIBBs Compatibility (BACnet Interoperability Building Blocks)

Service Types	BIBBs
Data Sharing	DS-RP-B
	DS-RPM-B
	DS-WP-B
	DS-WPM-B
Alarm and Event Management	N/A
Scheduling	N/A
Trending	N/A
Device and Network Management	DM-RD-B
	DM-DDB-B
	DM-DOB-B
	DM-DCC-B
	DM-PT-A
	DM-PT-B

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