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BACnet Testing Laboratories Product Listing

BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.

Listing Information (BTL-30886)

Vendor		Listing Status
Badger Meter Inc. 4545 W Brown Deer Rd Milwaukee, WI 53224 USA		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of January 2022	Revision 19 (135-2016)	June 2022

Product Name	Model Numbers	Firmware version
ModMAG M2000	<p>M2000-y¹-y²-y³-y⁴y⁵-V-y⁶y⁷y⁸</p> <p>where</p> <p>y¹ is Meter Type (pipe diameter) and can be the following options: 002, 003, 004, 005, 007, 010, 012, 015, 020, 025, 030, 040, 050, 060, 080, 100, 120, 140, 160, 180, 200, 220, 240, 280, 300, 320, 360, 400, 420, 480, 540</p> <p>y² is Detector Material and can be the following options: R1, R2, R4, P1, P2, P4, PA, H1, H2, H4</p> <p>y³ is Electrodes and Grounding and can be the following options: A, S, P, T, R, C, D, G, L, H</p> <p>y⁴ is Amplifier Type and can be the following options: M, R, S, T, E, F, G, B</p> <p>y⁵ is Remote Cable Length and can be the following options: WW, AA, AB, AC, AF, AK, AR, BW, BE, BK, BR, DW, DE, DK, DR, EW, EE, EK, ER, FW, FE, FK, FR, GW V is for the Communication Option of: BACnet IP</p> <p>y⁶ is Wiring Method and can be the following options: XX, TF, TH, TJ, TK, NG, NJ, CF, CI</p> <p>y⁷ is Units of Measure and can be the following options: G, B, D, C, E, T, H, F, J, K, L, N, P, Q, M, R, A, S, Z</p>	v1.00

	y ⁸ is Testing and Tagging and can be the following options: F, 3, S, T, K	
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Device Profiles

Profile	Model Numbers
BACnet Smart Actuator (B-SA)	All models

BIBBs Supported

Data Sharing	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-B	DS-WP-B

Device Management	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-B
	ReinitializeDevice-B	DM-RD-B

Object Type Support

Analog Value	Characterstring Value	Device
Network Port		

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet

Character Set Support

ISO 10646 (UTF-8)
