

## Z-Wave Protocol Implementation Conformance Statement

### Custos Ball Valve Servo

#### General Information

<b>Product Identifier:</b>	BVSZWE
<b>Brand Name:</b>	Custos
<b>Product Version:</b>	HW: 3 FW: 3.03
<b>Z-Wave Certification #:</b>	ZC12-21020179

#### Product Features

<b>Outdoor Use</b>	No
<b>Switch Type</b>	Decorator Paddle Push

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	Yes
Supports Security S2?	Yes: S2 Authenticated, S2 Unauthenticated
SmartStart Compatible?	Yes

#### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x000A
<b>Z-Wave Product Type:</b>	0x0101
<b>Z-Wave Hardware Platform:</b>	ZGM130
<b>Z-Wave Development Kit Version:</b>	7.13.2
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	Binary Switch / Always On Slave

#### Association Group Information

Group # / Max Nodes	Description
1 / 5	Lifeline Group - Device Reset Locally Notification - Basic Report - Binary Switch Report - Indicator Report - Sensor Multilevel Report – Temperature “Auto report based on Configuration Parameter 0x22 Setting.” - Heat

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- 2 / 5 - Basic Set (By default the Configuration CC parameter 0x11 (17) "Inverse Water Valve report" is enabled to send out following report.) - 0x00 = Let the water run through (Based on Configuration Parameter 0x13) - 0xFF = Doesn't let the water run through. (Based on Configuration Parameter 0x12) - 0x00 = Let the water run through (Based on Configuration Parameter 0x13) - 0xFF = Doesn't let the water run through. (Based on Configuration Parameter 0x12)
- 3 / 5 - Basic Set - 0x00 = IDLE / CANCEL (Based on Configuration Parameter 0x32 Setting) - 0xFF = TRIGGERED (Based on Configuration Parameter 0x31 Setting)
- 4 / 5 - Basic Set - 0x00 = IDLE / CANCEL (Based on Configuration Parameter 0x27 Setting) - 0xFF = TRIGGERED (Based on Configuration Parameter 0x26 Setting)
- 5 / 5 - Basic Set - 0x00 = IDLE / CANCEL (Based on Configuration Parameter 0x2C Setting) - 0xFF = TRIGGERED (Based on Configuration Parameter 0x2B Setting)

### Supported Command Classes (20):

Application Status	Association Group Information V3
Association V3	Basic V2
Configuration V4	Device Reset Locally
Firmware Update Meta-Data V5	Indicator V3
Manufacturer Specific	Multi-Channel Association V4
Notification V8	Powerlevel
Security S0	Security S2
Sensor Multilevel V11	Supervision
Switch Binary V2	Transport Service V2
Version V3	Z-Wave Plus Info V2