ABVM™ **A**ctuated **B**all **V**alve **M**iniature series motor actuated ball valves

Available at Solenoid Valve World, offer a range of features and benefits that make them suitable for various applications.

Key Features:

- **Rapid Operation:** These valves are designed for quick opening and closing, typically within 4 to 6 seconds, ensuring efficient flow control.
- **Failsafe Options:** The ABVM series provides failsafe configurations, allowing the valve to automatically return to a predetermined position (open or closed) during power loss, enhancing system safety.
- **Durable Construction:** Constructed with 304 stainless steel bodies and PTFE + EPDM or PTFE + VITON seals, IP67 ingress protection these valves are built for longevity and reliability.
- **WRAS Approval:** The ABVM02S ¼ inch up to ABVM08S 1 inch models holds WRAS Certificate 2012107, indicating its suitability for potable water applications.

- **Versatile Control Options:** Available in various control configurations, including failsafe closed, failsafe open, power open/power close, modulating 4-20mA; 0-10v or PWM (Pulse Width Modulation) control with options for position feed back end of travel switches and manual over ride facility to meet diverse application requirements.

Benefits:

- **Energy Efficiency:** The floating ball seal deign significantly reduces required energy to move and thus reduces the required power consumption to only 1 to 5 watts during operation offering significant energy efficient performance. The reduced heat also allows the valve to move quickly between cycles and does not require any cooling down period.
- **High Cycle Life:** Guarenteed to 100,000 cycles and tested to over 1,000,000 cycles, the ABVM series ensures long-term reliability and reduced maintenance costs.
- **Wide Compatibility:** Suitable for media such as air and water, compatible with 304 stainless steel, EPDM, VITON and PTFE materials.
- **Temperature Resilience:** Capable of operating in ambient temperatures from -15°C to +50°C and media temperatures from -15°C to +100°C, accommodating various environmental conditions.
- **Compact:** Smallest UK WRAS approved motor actuated valve that will fit in your hand, offers easy installation even in tight spaces, reduced exposure to damge and significant cost reductions by design.

In summary, the ABVM series motor-actuated ball valves provide rapid operation, durable construction, and versatile control options, making them a low cost reliable choice for efficient flow control in various applications.

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