

Media: water  
 Pressure range: 0 to 10 Bar max  
 Media temperature: -15°C +80°C max  
 Ambient temperature: -15°C to +50°C  
 Media viscosity: 500 centistokes max  
 Duty cycle: 100,000  
 Mounting: Any  
 Seals: PTFE

# Water Leak Detector

## 1/2 – 1

### Water Sensor + Alarm

#### with controller

#### 0 – 10 Bar

## TYPE ABVMSA



### PRESSURE

Ø Port BSP	Orifice mm	Operating Time Seconds	Pressure Rating (Bar) ΔP		Voltage	Part Number
			Min	Max		
1/2	15	5	0	10	3vDC (Requires 2x AA batteries included)	ABVMSA04S/3
3/4	20	5	0	10		ABVMSA06S/3
1	25	5	0	10		ABVMSA08S/3

### OPTIONS

Water sensor + controller with Valve Open; Valve Closed + Power Indication and local ON/OFF control, with Low battery alarm. **Included**  
 Full WRAS approved stainless steel ball valve, suitable for any pressure 0 to 10 Bar with flow in any direction, low power consumption **Included**

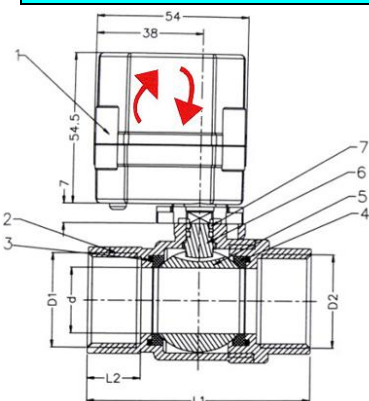
### ELECTRICAL DATA

Voltage Min - Max Continuous Duty 100%	Actuator		Power		Enclosure	Electrical connections
	Model	Torque	Moving	Holding		
3vDC (2x AA batteries included)	ABVMSA	2 Nm	300 mA	0.015mA	IP67	1.75 meter cable

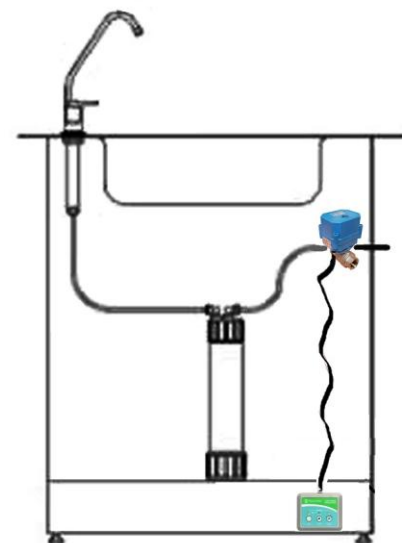
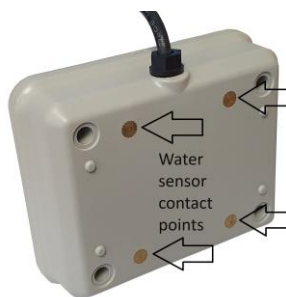
### CONSTRUCTION

Valve Body: 304 stainless steel static test pressure 35 Bar.  
 Seals: Stem 2x FKM, Ball seals: WRAS approved PTFE floating no leakage design.  
 ABVM Actuator: ABS Engineering Plastic, Gears: Metal, Function test 200 cycles Open/Close

### OVERALL DIMENSIONS



Reference	Description	Material
1	Actuator	ABS
2	Body Cover	SS304
3	O Ring	FKM
4	Sealing	PTFE
5	Ball	SS304
6	Stem	SS304
7	O Ring	FKM



### Features:

Can detect slightest water leak will close the valve + sound Alarm.

Low battery Alarm, valve closes 8 hours later if batteries not replaced. (LED 1+2 will flash)

#### Controller Buttons and LED:

Power ON (Button + LED 1)  
 Valve Open (Button + LED 2)  
 Valve Closed (Button + LED 3)

Controller is water and moisture proof to extend battery life

Easy to install, total piece of mind 24/7 at home or away.

### Instructions:

Install valve where water leak is a concern

Install AA batteries (If required) into controller (will need small Phillips H1 screwdriver) + connect cable

Place controller brass contacts on clean floor at lowest point

Press power ON/OFF button, power ON LED (1) and Valve Closed LED (3) will light up.

Press Valve Open (middle) button, LED (2) Green will flash whilst the valve is opening.

LED's 1+2+3 will flash when valve open and system in leak detecting mode.