

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

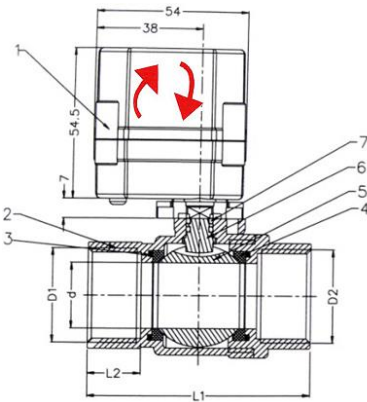
ELECTRICAL DATA

| 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-meter cable |

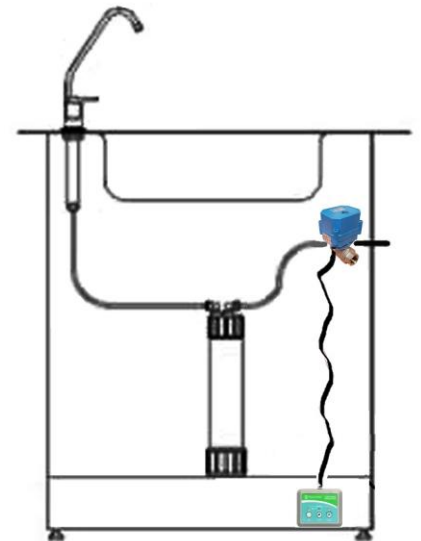
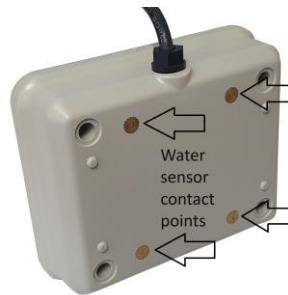
CONSTRUCTION

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.