

AGS WLM System

Water Leak Detection



110V or 24V Power Input



Wiring/Cable Fault Indicator



110V or 24V Water Solenoid Valve Isolation Capabilities



BMS/BAS Communications



Standalone or Can Be Used With WLMZ Range For Multi-Zone



Used With AGS WLM Sensing Cable Or WLM Probes



LED Status Indicator



In-Built Audible Alarm

Product Overview

The AGSWLM system is the new American Gas Safety permanent water leak detection system aimed towards commercial properties and residential apartment blocks. The AGSWLM can be used standalone or part of a larger multi-zone detection system and comes with a clear LED status display.

Operation Overview

Press reset button to enable water supply. Solenoid valve relay will switch over and the green LED illuminates.

On water leak detection the red LED illuminates and buzzer sounds. Solenoid valve and BMS relay switch, strobe relay closes. The mute button toggles audible alarm (buzzer and strobe). Clicking the reset button will reinstate power to the solenoid valve & open water supply.

On fault detection, such as incorrect wiring or damaged cables, the BMS relay will switch over and the amber LED illuminates. The buzzer activates for 3 seconds with no strobe and the water solenoid valve remains on. Once the fault has cleared, the BMS relay will switch and amber LED will clear.

Compatibility



AGS 4-Core AGSPLRP
 4-Core Plugable Cable Fault Detection



AGS 2-Core AGSRP
 2-Core Pre-Defined Length



AGS Puck AGSP
 Sensing Puck



Solenoids AGSSOLVLV
 Normally Open Normally Closed
 24V AC / DC
 110V AC



Elec Ball Valves AGSEBV
 Normally Open Normally Closed
 24V AC / DC
 110V AC

Sensitivity

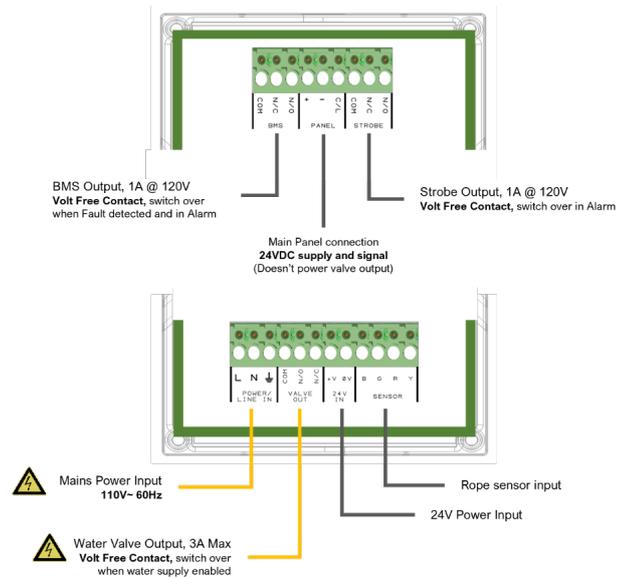
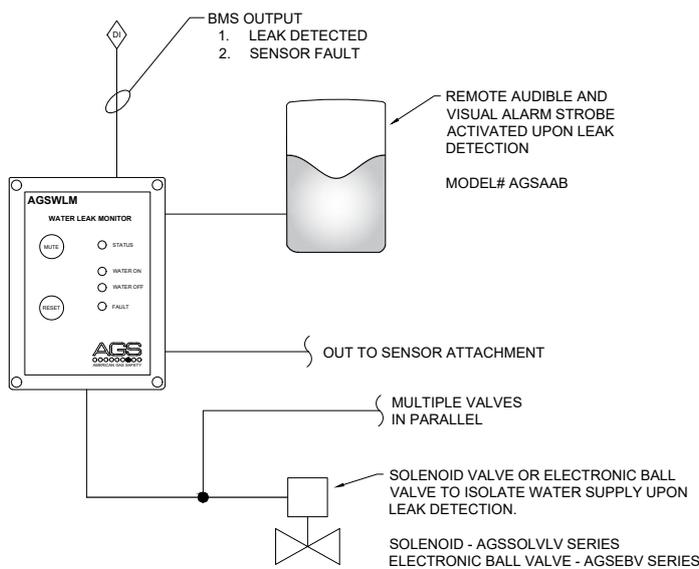
The potentiometer on the circuit board labelled [SENS] can be used to set the sensitivity of the rope sensor.



Technical Specifications

General Specification	Enclosure Dimensions	5.95 x 4.37 x 1.97" (151 x 111 x 50mm)
	Enclosure Material	ABS PA765 (Flame Rating UL94 V-1)
	Weight	TBC
	Approvals	UKCA, ROHS, complies with UL61010
	Display	Single tri-colour LED for Water On, Fault and Alarm
	Buttons	Mute and Reset push buttons mounted under the label
Electrical	Audible Indicator	Internal Buzzer
	Power Supply	110VAC and 24VAC/DC
	Water Solenoid Valve Output	Volt free NC/COM/NO, max 3A @ 110V
	BMS Relay Output	Volt free NC/COM/NO, max 3A @ 110V
LED Indicators	Strobe Relay Output	Volt free NO/COM, max 3A @ 110V
	Power On (RED)	Power LED as part of AGS logo
	Water On	Green
Installation Options	Fault	Amber
	Alarm	Red
Installation Options	Pententiometer	Adjustable alarm point
User Controls	Reset and Mute	2 momentary push buttons

Controller Capabilities



Attachments

Attachment Description	Part Code	Length (FT)	Fault Detection (Y/N)
Detection Ropes - Pre Defined Lengths 2-Core			
6FT Sensing Cable w/ 5FT Lead Cable	AGSRP6	6	N
12FT Sensing Cable w/ 5FT Lead Cable	AGSRP12	12	N
24FT Sensing Cable w/ 5FT Lead Cable	AGSRP24	24	N
48FT Sensing Cable w/ 5FT Lead Cable	AGSRP48	48	N
100FT Sensing Cable w/ 5FT Lead Cable	AGSRP100	100	N
Custom Pre-Defined Length Call AGS for Pricing	AGSRPxx	xx	N
Detection Ropes - Pluggable 4-Core			
16FT Sensing Cable w/ 5FT Lead Cable (5M)	AGSPLRP16	16	Y
32FT Sensing Cable w/ 5FT Lead Cable (10M)	AGSPLRP32	32	Y
65FT Sensing Cable w/ 5FT Lead Cable (20M)	AGSPLRP65	65	Y
Rope Tee Attachment	AGSPLRPTEE		
Plug End Lead Wire	AGSPLRPLEAD		
Detection Pucks			
2-Core Point of Leak Sensing Puck w/ 15FT Lead Wire	AGSP2C		N

Find out more
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