WLM Range Water Leak Monitoring

Product Overview:

The AGS Controls WLM water leak monitor is a permanent water leak detection system aimed towards commercial properties and residential apartment blocks. The WLM can be used standalone or part of a larger multi-zone detection system and comes with a clear LED status display.

Available with pluggable 2 core rope, pluggable 4 core rope with fault detection and an AGS Controls water leak puck.

Key Features:
• Electronic Valve Control
• BMS Communications
• Strobe Alarm Outputs
• Control Panel Connectivity
• Fault Detection
• 120V or 24V Input

Technical Specifications

General	
Size (W x H x D)	5.95 x 4.37 x 1.97"
Weight	11.02oz
User Interface	
Visual Indicators	LED: Water On / Fault / Alarm
Audible Buzzer	>60dB @ 3.28ft. Quiet conditions.
Buttons	Mute / Reset
Power Supply	
Power Consumption	1.2W Max
Power Input #1	100-240V~ 50-60Hz
Power Input #2	12-24V AC or DC
Internal Fuse	Anti-Surge 3.15A @ 250Vac
Relays	
Valve	3A @ 120V~
BMS	1A @ 120V~
Strobe	1A @ 120V~
Compliance	
Electrical Safety	IEC 61010-1

Select Your Sensor Attachments

ACWLMP Pucks

The AGSCP water leak detection puck is a compact and highly sensitive device designed to identify water leaks or flooding in precise locations. The puck uses a set of metal probes located on the underside to detect the presence of water.

When the probes come in contact with water, they complete an electrical circuit, which triggers an alarm on the WLM. It is important to note this device cannot detect distilled water, as it does not conduct electricity.

Water leak pucks do not include fault detection.

ACWLM2 2-Core Sensing Cable Pluggable

2-Core leak detection ropes include a 5FT lead wire, however this wire may be extended using 18-22 AWG. The total length of lead wire and sensing cable may not exceed 500FT. If more than 500FT is required, use multiple WLM controllers.

Pre-defined pluggable 2-Core do not include fault detection.

The 2-Core sensing cable is an inexpensive option if only a single desired length is required for the project.

Available lengths: 6FT, 12FT, 24FT, 48FT and 100FT.

ACWLM4 4-Core Sensing Cable Pluggable With Fault Detection

AGSCPLRP 4-Core ropes include fault detection, with many adaptable set ups to fit custom applications.

4-Core ropes are terminated with plugs that allow you to link multiple sensing cables together. This can be used for branching the rope into tees or adding lead wire in between sensing cables. The pluggable ropes come with less options for length due to the ability to link multiple smaller cables together to create a larger rope.

4-Core leak detection ropes include a 5FT lead wire, however this wire may be extended using 18-22 AWG. The total length of lead wire and sensing cable may not exceed 500FT.

Available lengths: 16FT, 32FT & 65FT.

BMS OUTPUT
1. LEAK DETECTED
2. SENSOR FAULT

REMOTE AUDIBLE AND VISUAL ALARM STROBE ACTIVATED UPON LEAK DETECTION

MODEL: ACAAB

WATER LEAK MONITOR

MUTE
RESET

STATUS
WATER ON
WATER OFF
FAULT

OUT TO SENSOR ATTACHMENT

MULTIPLE VALVES IN PARALLEL

SOLENOID VALVE OR ELECTRONIC BALL VALVE TO ISOLATE WATER SUPPLY UPON LEAK DETECTION

SOLENOID - ACSOLVLV SERIES