



A.T. Monitors

A leader in leak detection and level monitoring equipment

ATI-5107 Leak/Level Monitor

The ATI-5107 (formerly AMC-5107) offers all of the basic features you need for your leak and level detection applications. It is designed to interface with any Normally Open or Closed liquid sensors and notify you of any leaks or spills immediately. The real-time response allows you to avoid costly cleanups or interruptions in service, helping to protect your investment and the environment. It is suitable for large or small scale tank and piping installations, secondary containment and interstitial monitoring, and for fuel oil storage or bulk water tanks.

Liquid Detection Circuit

Each sensor is wired to a numbered channel. When liquid makes contact with a sensor, the assigned channel goes into alarm. This causes the channel's LED to light up and sound an alarm for the attendant on duty.

Monitoring Capability: 6 channels/zones capable of monitoring any number of sensors in each zone.

Protection Circuit: Diode/resistor/fuse IS barrier on each channel.

Detectable Liquids: Refer to sensor data sheets for types of liquids.

Indicators and Alarms

Power Indicator : 1 Red LED bar.

Liquid Alarm Indicators : 6 Red LED bars.

Vapour Alarm Indicators : 1 Red LED bar.

Test Indicator : 1 Red LED bar.

System Failure Indicator : 1 Red LED bar.

Audio Alarm Buzzer: Internal.

"Accept Alarm" Switch: External, on front panel.

Relay Output

One SPST relay, rated 1 Amp, common to all channels. The relay is DIP-switch selectable for Normally Open (non-energized) or Normally Closed (energized).

COMPATIBLE SENSORS

5005 Series Water Sensors

5007B – Dual Liquid Sensing Cable

5008 – Vacuum Sensor

5010 – Liquid Level Float Sensors

5010S – Sump Brine Sensor

5010W – Interstitial Leak Sensor

5016 Series Petroleum Sensors

5025 – Water Detection Cable

"Accept Alarm" Switch

The "Accept Alarm" switch on the front panel silences the alarm buzzer but leaves the LED indicator on to remind the attendant of a potential leak or alarm level. If no action is taken within two hours, the alarm buzzer will sound again, until the situation is resolved and the switch is pressed again.



IMPORTANT: All Armstrong Technologies Inc products should be used in compliance with applicable federal, provincial, state and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. **Armstrong Technologies MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE.** All information and specifications in this literature are based on the latest product data available at the time of publication. Armstrong Technologies reserves the right to make changes at any time in prices, materials, specifications and to discontinue products without notice or obligation.



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Mounting and Accessibility

The ATI-5107 can be mounted under counters, in kiosks or other small area for ease of access and visibility to the attendant.

Power Requirements

Main Power: 12VDC or 10VAC @ 300mA max from an external adapter or Class 2 transformer.

Dimensions

H 4.25"/13.5cm x W 6.125"/15.5cm x D 2.5"/6.5cm.

Enclosure Material: PVC.

Operating Temperature Range

Ambient: 0 to +40 °C (+32 to 104 °F).

Warranty

One (1) year, parts and labour, subject to standard Armstrong Technologies' terms and conditions.

REMOTE ALARM



For monitoring and acknowledging at non-hazardous remote location, A.T.Monitors offers the ATI-RAM1-RLV.

For more information, visit www.atmonitors.com or talk to a qualified agent.