



ADVANCED WATER LEAK  
DETECTION SYSTEMS

A Division of:  
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**AMC-5002B DUAL  
LIQUID SENSOR**

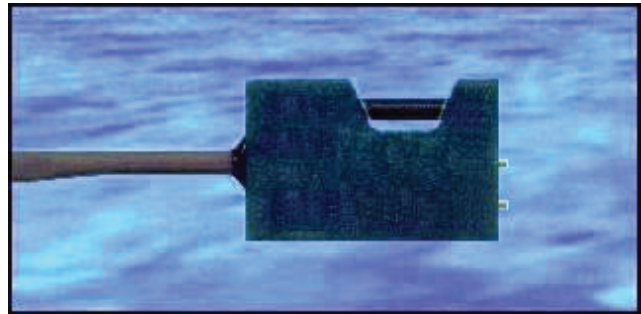
**AMC**  
SERIES

## General Description

The AMC-5002B Dual Liquid Sensor detects and distinguishes leaks of water and petroleum based liquids at a single location. The unique design allows flexibility of installation and quick alarm response once in contact with liquid; it also responds faster to deisel.

## Specifications

- **Detectable Liquids**  
Water, gasoline, diesel, waste oil and petroleum products
- **Sensor**  
Immersion probe consisting of conductivity electrodes and a fully reversable, liquid hydrocarbon sensitive element(discriminates between water and hydrocarbons). Certified intrinsically safe.  
**WATER circuit:** Normally open  
**PETROLEUM circuit:** Normally closed
- **Size**  
1.6" (41mm) L x 1" (25mm) W x 0.38" (96mm) Thick
- **Response Time**  
Depends on operating conditions and temperature  
*Water* : Instantaneous  
*Gasoline* : Under 3 Minutes  
*Diesel* : Under 1.5 minutes  
*Waste Oil* : Depends on mixture ratio
- **Repeatability**  
Excellent, even after repeated immersions
- **Installation Wiring**  
Intrinsically safe, four conductor shielded cable
- **Operation Temperatures**  
*Water* : 0°C to 50°C (32°F to 122°F)  
*Petroleum* : -40°C to 50°C (-40°F to 122°F)



- **Sensor Life Expectancy**  
Five years
- **Warranty**  
One year (limited warranty)

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**IMPORTANT:** This device must be used in conjunction with an LED (or compatible) liquid monitor, or an approved barrier and in compliance with applicable federal, provincial, state and local laws and regulations. Product delection should be based on physical specifications and limitations and compatibility with the environment and materials to be handled. **LED 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. LED reserves the right to make changes at any time in prices, materials, specifications and to discontinue models without notice or obligation.

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