



ADVANCED WATER LEAK  
DETECTION SYSTEMS

A Division of:  
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**AMC-5016  
PETROLEUM SENSOR**

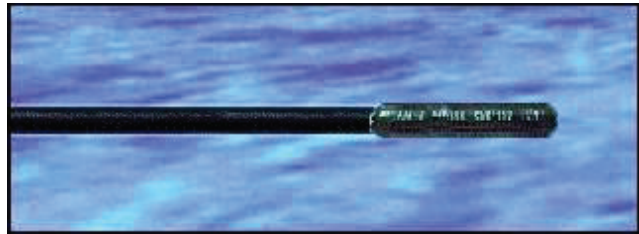
**AMC  
SERIES**

## General Description

The AMC-5016 and 5016A Petroleum Sensing Cables detect leaks of petroleum based liquids along the full length of the cable. Pliable material broadens coverage for use in and around storage tanks, piping, sumps, dispensers, monitoring wells, etc... This petroleum sensing cable, made with the tougher 1932TC element, is available in standard lengths or custom lengths for each installation. The 5016A features a faster reaction to various petroleum products

## Specifications

- **Detectable Liquids**  
Gasoline, diesel, waste oil and petroleum products
- **Sensor**  
A fully reversible, liquid hydrocarbon sensitive element (Shown with sealed end). Certified intrinsically safe.  
**Circuit:** Normally closed
- **Size**  
1.6" (41mm) L x 1" (25mm) W x 0.38" (96mm) Thick
- **Repeatability**  
Excellent, even after repeated immersions
- **Installation Wiring**  
Intrinsically safe, two conductor shielded cable
- **Operation Temperatures**  
-40 to +60 °C (-40 to +140 °F)
- **Sensor Life Expectancy**  
Five years
- **Warranty**  
One year (limited warranty)



### ○ Response Times

Depends on operating conditions and temperature

#### **AMC-5016**

*Naphtha/Heptane* : Under 30 seconds

*Gasoline* : Under 5 minutes

*Diesel* : Under 15 minutes

*Waste Oil* : Depends on mixture

#### **AMC-5016**

*Naphtha/Heptane* : Under 5 seconds

*Gasoline* : Under 1 minute

*Diesel* : Under 9 minutes

*Waste Oil* : Depends on mixture

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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 detection 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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