

A2L REFRIGERANT SAFETY STARTS WITH RELIABLE DETECTION

As the industry transitions to A2L refrigerants, advanced sensor technology is essential for safe, compliant, and efficient HVAC systems.



01
THE SHIFT

WHY A2L REFRIGERANTS?

LOWER GWP
A2L refrigerants have significantly lower global warming potential.

REGULATORY PUSH
Global regulations are driving the transition to more sustainable solutions.

SUSTAINABLE FUTURE
A2L refrigerants support energy efficiency and a greener tomorrow.

02
THE CHALLENGE

WHAT'S CHANGING?

MILD FLAMMABILITY RISK
A2L refrigerants are mildly flammable and require proactive safety measures.

STRICTER STANDARDS
Safety standards and building codes are evolving rapidly.

INCREASED NEED FOR DETECTION
Reliable detection is critical to monitor and mitigate risk.

03
THE SOLUTION

WHAT YOU NEED FOR SAFE A2L ADOPTION?

FAST & ACCURATE DETECTION
Quickly and accurately detect leaks to help prevent risks.

HIGH RELIABILITY
Consistent performance in demanding HVAC environments.

COMPLIANCE-READY DESIGN
Built to help meet global safety standards and regulatory requirements.

04
THE TE ADVANTAGE

WHY ADVANCED SENSOR TECHNOLOGY MATTERS?

CONSISTENT PERFORMANCE
Stable and dependable sensing for long-term peace of mind.

RAPID RESPONSE TIME
Detect changes quickly to help enable faster action.

DESIGNED FOR HVAC SAFETY APPLICATIONS
Compact solution engineered for durability, accuracy, and ease of integration.

BE PREPARED. STAY SAFE. STAY COMPLIANT.
Scan QR code to learn how reliable detection supports a safe and successful A2L transition.

LEARN MORE
te.com/sensors/a2l

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