

## Telaire

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### PRODUCT DEVELOPMENT ANNOUNCEMENT!

## Telaire Announces NDIR Technology Development for A2L Refrigerant Leak Detection

St. Marys, PA, January, 18<sup>th</sup>, 2023– Telaire, an industry-leading innovator in NDIR gas sensing, is pleased to announce the evolution of its gas sensing technology to address A2L refrigerant leak detection applications.

With the advent of new regulations addressing the use of hydrofluorocarbons (HFCs) in HVAC and refrigeration equipment, the industry is adopting refrigerants with lower Global Warming Potential (GWP). These alternative refrigerants are mildly flammable, requiring leak detection and mitigation for their safe use in HVAC/R equipment as defined per UL-60335-2-40.

“For over 30 years, Telaire has been pioneering low-cost high-performance CO<sub>2</sub> sensors in HVAC applications such as demand control ventilation. The translation of our NDIR technology to A2L refrigerant gas sensing is a natural progression for Amphenol and we look forward to supporting OEM customers in the deployment of these alternative refrigerants.”, said Jeff Hawkins, Senior Product Manager for Telaire.

The Telaire T6763 Series of NDIR refrigerant gas sensors provide concentration measurements of R32 and R32 blended refrigerant gas with high accuracy and gas specificity, fast response times, and low drift. T6763 gas sensing modules are provided with standard UART communications and are factory calibrated to measure concentration levels up to 32500 PPM.

For more information about Telaire’s A2L Refrigerant Gas Sensor Module, please visit:

<https://www.amphenol-sensors.com/a2l-refrigerant-sensor>

### ABOUT Telaire

As the world’s first and leading manufacturer of Non-Dispersive Infrared (NDIR) Carbon Dioxide (CO<sub>2</sub>) Sensors, Telaire has been on the forefront of CO<sub>2</sub> sensors technology for over 25 years. Telaire holds 30+ awarded patents in CO<sub>2</sub> sensors, including the original automatic calibration algorithm - ABC Logic. In more recent years, Telaire has expanded its product line to include other air quality sensors. Telaire products are used in commercial and residential building ventilation applications, consumer air quality devices for the home, and controlling air quality conditions in automobiles.

Telaire is a brand of Amphenol Advanced Sensors, which is part of Amphenol Corporation, based in Wallingford, CT.

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