



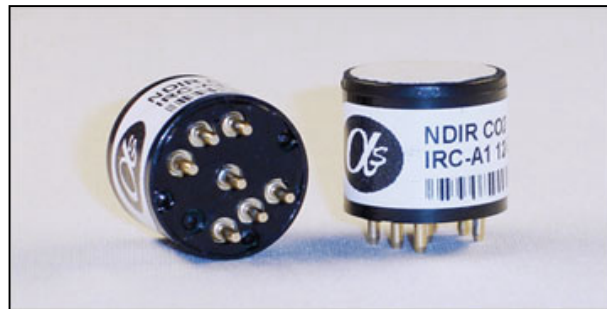
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Alphasense 'A Series' NDIR sensor - second to none!

Alphasense's contemporary designed miniature CO₂ infrared sensors are self-contained, plug in sensors with integrated optics contained within standard sized miniature (20.0 mm) gas sensor housings. There are no moving parts within the sensors. An internal temperature sensor is included to enable the temperature to be monitored at the detectors, thereby providing the best means of compensating for temperature effects, including ideal gas law corrections.



In order to derive a signal from the Alphasense infrared sensors, the lamp should be pulsed at a constant frequency and duty cycle and power should be applied to the on-chip FET transistors. The signal can then be extracted from the on-chip FET transistor sources and the internal sensor temperature can also be monitored continuously.

Arthur W. Burnley – Sales and Marketing Director stated: “Alphasense has a broad and rapidly growing range of customers. They are demanding different techniques and sensing capabilities of the highest quality to further their own growth and developments. The introduction of these NDIR sensors is part of a much wider release schedule from Alphasense that also included a unique PID sensor, developments utilising the latest Nano-technology and exotic toxics in a variety of formats, especially our unique and highly successful D-Series of truly miniature sensors.”

Alphasense maintains its commitment to customers by continuing to supply the highest quality sensors with on-time delivery every time allied to exemplary support.

For further information contact: sensors@alphasense.com

Please contact Arthur W. Burnley for further information

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For Immediate Release