



**Electro Optical Components, Inc.**

5464 Skylane Boulevard, Suite D, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

[www.eoc-inc.com](http://www.eoc-inc.com) | [info@eoc-inc.com](mailto:info@eoc-inc.com)



## Technical Notes

### Flexibility With NDIR Refrigerant Gas Measurement

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If you need flexibility in choosing the refrigerant (Freon) gas you want to measure, then the [BASIC<sup>evo</sup> Pro Broadband](#) is a good solution. The BASIC<sup>evo</sup> Pro Broadband NDIR gas sensor uses dual wavelength technology. It is designed for leak detection of refrigerant (Freon) gases (select 1 of the 20 gases) in small concentration ranges (ppm range). [BASIC<sup>evo</sup> Pro Broadband](#) Product features include:

- Non Dispersive Infra-Red (NDIR) & Dual beam / Reference channel
- **Measure 20 refrigerant gases with one sensor**
- Internal calibration curve for each refrigerant gas
- Dual range 2000 ppm and 1000 ppm selectable
- Easy target gas selection

BASIC<sup>evo</sup> diffusion sensors have a long lifetime, low level detection capabilities, very slight drift, a large temperature range, a fast response time, maximal flexibility in installation and low maintenance costs.



The BASIC<sup>evo</sup> diffusion sensors are part of a full range of [NDIR Gas Sensor Modules and Components](#) available from:

**Electro Optical Components Inc.**

Toll Free: (855) 362-6300; (707) 568-1642

[info@eoc-inc.com](mailto:info@eoc-inc.com)

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