

## T3022 Series - CO<sub>2</sub> Sensors for OEM Installation

Telair T3022 Series CO<sub>2</sub> Sensor is designed specifically to meet the needs of OEM manufacturers for low cost carbon dioxide (CO<sub>2</sub>) sensor installation. It is compatible with other similar sensors in the Amphenol Advanced Sensors' range and has I<sup>2</sup>C output from a mounted connector.

### Features

- A reliable sensor design based on 25 years of engineering and manufacturing expertise
- Flexible CO<sub>2</sub> sensor platform designed to interact with other microprocessor devices
- Eliminates the need for calibration in most applications with Telair's patented ABC Logic™ software - Lifetime calibration warranty
- Easy mounting with external tab
- Different calibrations available, subject to commercial consideration
- Extended operating temperature range
- Digital I<sup>2</sup>C output
- Non-Dispersive Infrared (NDIR) measuring technology
- Sensors shipped factory-calibrated

### Applications

- Air-air heat exchanger volume control
- Residential demand-based ventilation
- Self-contained ventilation system control
- HVAC control



### Ordering Information

Please discuss your specific needs with the Amphenol Advanced Sensors account management team as other configurations are possible; some combinations are already in production.

Derivatives include different outputs and different calibration levels.

Part Number	Output	Operating Voltage	
T3022-1-5K-5-1	I <sup>2</sup> C Digital	5V	1.0m cable length, JST Connector
T3022-1-5K-5	I <sup>2</sup> C Digital	5V	1.8m cable length, JST Connector
T3022-1-5K-1-MX	I <sup>2</sup> C Digital	5V	1.0m cable length, Molex Connector

**Sample Request:** [Danielle.M.Nelson@amphenolsensors.com](mailto:Danielle.M.Nelson@amphenolsensors.com)

#### Technical Support:

AMER: [ivan.kustec@amphenol-sensors.com](mailto:ivan.kustec@amphenol-sensors.com)

EMEA/ASIA: [Neil.S.Roberts@amphenol-sensors.com](mailto:Neil.S.Roberts@amphenol-sensors.com)

**Pricing:** [Chris.Ranwell@amphenol-sensors.com](mailto:Chris.Ranwell@amphenol-sensors.com)

[www.telair.com](http://www.telair.com)

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