

T3022 Series - CO₂ Sensors for OEM Installation

Telaire T3022 Series CO₂ Sensor is designed specifically to meet the needs of OEM manufacturers for low cost carbon dioxide (CO₂) sensor installation. It is compatible with other similar sensors in the Amphenol Advanced Sensors' range and has I²C output from a mounted connector.

Features

- A reliable sensor design based on 25 years of engineering and manufacturing expertise
- Flexible CO₂ sensor platform designed to interact with other microprocessor devices
- Eliminates the need for calibration in most applications with Telaire'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 I²C 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 ² C Digital	5V	1.0m cable length, JST Connector
T3022-1-5K-5	I ² C Digital	5V	1.8m cable length, JST Connector
T3022-1-5K-1-MX	I ² C Digital	5V	1.0m cable length, Molex Connector

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