



### Benefits

- Economical
- Compatible with Local or Remote Gas Sensors
- Uncomplicated Installation
- No Programming or “Burn-In Time” Required
- Gas Specific Sensors equal No False Alarms
- Suitable for Indoor & Outdoor Applications
- Non-Intrusive One Person Calibration Procedure
- Full Product Service & Support

### Applications

- Automotive Facilities
- Factories/Warehouses
- Boiler/Generating Rooms
- Water Treatment Plants
- Waste Water Treatment Plants
- Chemical Processing Plants
- Bus Terminals & Depots
- Pulp & Paper Mills
- Pharmaceutical Labs
- Telecommunication Stations
- Semiconductor Facilities
- Utility Plants
- Research/Development Labs

**Conspec's P2065-D Monitor and Controller Series** offers the user a simple and reliable gas monitoring system. The system can be configured for use with two local or remote gas sensors. Remote gas sensor can be installed up to 3000 feet away from the monitor. A variety of gas sensor technologies can be implemented to monitor numerous Combustible, Oxygen, Toxic, or VOC gases.

The P2065's versatile design allows for use as an independent monitor with integrally mounted gas sensors, or a controller when remote gas transmitters are used. Standard features such as 120VAC Power Supply, Password Protected Keypads, Industry Standard 4-20mA Output Signals, and two large LCD displays, makes the unit an economical and diverse piece of equipment. The P2065's uncomplicated design and minimal maintenance schedule makes routine calibrations and maintenance effortless.

### Key Features

- **Robust & Durable Design**
- **Two User Programmable Alarm Set Points per Channel**
- **Two Independent 4-20mA Output Signal**
- **Two Three Digit LCD Display**
- **Two Password Protected Keypad**
- **Temperature & Humidity Compensated**
- **High Immunity to RFI & EMI**

## Specifications

### Mechanical

Enclosure: NEMA 4X Non-Metallic (UL & CSA Approved)

Dimensions: 10"x8"x5"

Weight: Approximately 7 Pounds

Mounting: 4 Holes

Conduit Entry: One (3/4" Cable Grip)

### Environmental

Operating Temperature: -4°F to 120°F (-20°C to 50°C)

Temperature Compensation: Full Temperature Range

Operating Humidity: 10% to 95% RH Non-Condensing

### Electrical

Operating Voltage: 120VAC Power Supply (Optional 24VDC Input)

Cable Requirements: 18-22AWG for Remote Sensor Connection

Current Consumption: 35mA Nominal

Output Signal: Linear 4-20mA

### System

Sensor Types: Electrochemical, Catalytic Bead, Infrared, Photo-Ionization, Thermal Conductivity

Programming: Password Protected, 5-Button Touch Pad

Memory: EEPROM Non-Volatile Memory

Restart: 100% Hands Free After Power Interruptions

Modes: Two (Calibration & Normal)

Display: Two Three Digit Liquid Crystal Display

Total Alarms: Four (System Fail, Sensor Fail, Alarm #1, Alarm #2)

Alarm Set Point #1: User Programmable

Alarm Set Point #2: User Programmable

### Available Options

- P9027 Enclosure Mounted Halogen Strobe
- P1907 SPDT Relay Contact
- P1907-1 DPDT Relay Contact
- P3010 Enclosure Mounted Heater
- P1246-2 Rain Shield
- P1644 LED Status Indicators
- P1643-2 Remote Alarm Panel
- P2787 RS-485 Serial Communication
- P3000-1 Sample Pump

### Ordering Information

- P2065-D (Plus Gas Sensor)
- P2065-D (Plus Remote Gas Transmitters Part Numbers)

Sales Representatives & Distributors



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