



Benefits

- Economical Stand-Alone Controller
- Compatible with All Remote Gas Transmitters
- Uncomplicated Installation
- Capable of "Zoning" Remote Gas Transmitters
- Completely Scalable System
- Suitable for Indoor & Outdoor Applications
- Non-Intrusive One Person Calibration Procedure
- Full Product Service & Support

Conspec Controls **Multi-Channel Controller** is a microprocessor-based multi-analog input controller. The P2259/60 was designed to be an independent stand-alone controller but can integrate into any type of data acquisition system. The Controller can provide up to eight channels of remote monitoring and alarming of various gases and other analog inputs such as temperature, level, or flow.

A digital display continuously shows real time values of the measured parameters, bright LED indicators provide status on all channels for high and low alarm and fault conditions. A front panel password protected keypad allows for easy programming of sensor options, alarm set points, and measurement ranges. The P2259/60 can be combined with dry relay contacts to allow for control of other instruments.

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

Key Features

- **Robust & Durable Design**
- **Factory Preprogrammed & Calibrated**
- **Industry Standard 4-20mA Output Signal**
- **Large LCD Display & LED Indicators**
- **Password Protected Keypad**
- **Scalable for Future Expansion**
- **High Immunity to RFI & EMI**

Specifications

Mechanical

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

Dimensions: 17"x15.5"x8.5"

Weight: Approximately 24 Pounds

Mounting: 4 Holes

Conduit Entries: Two (¾" Cable Grip)

Environmental

Operating Temperature: 32°F to 104°F (0°C to 40°C)

Operating Humidity: 0% to 99% RH Non-Condensing

Electrical

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

Cable Requirements: 18-22AWG for Remote Sensor Connection

Relay Contacts: Two SPDT, Rated 240VAC @ 10A

Current Consumption: 150mA

System

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

Programming: Password Protected, 16-Button Touch Pad

Memory: EEPROM Non-Volatile Memory

Restart: 100% Hands Free After Power Interruptions

Modes: Two (Calibration & Normal)

Display: Graphic Liquid Crystal Display

Trend Display: Historical Graphs for 15 Minutes to 24 Hours

System Outputs: Three (Sensor Fail, Alarm #1, Alarm #2)

Available Options

- P9027 Enclosure Mounted Halogen Strobe
- P1907 SPDT Relay Contact
- P1907-1 DPDT Relay Contact
- P1643-2 Remote Alarm Panel
- P2787 RS-485 Serial Communication
- P3000-1 Sample Pump Module
- P2303 Analog Output Module
- P2586 Battery Back-Up Module

Ordering Information

- P2259 Four Channels
- P2260 Eight Channels

Sales Representatives & Distributors



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