



Benefits

- Economical Stand-Alone or Integrable Controller
- Compatible with All Remote Gas Transmitters
- Uncomplicated Installation
- Capable of "Zoning" Remote Gas Transmitters
- Completely Scalable System
- Suitable for Indoor & Outdoor Applications
- Full Product Service & Support
- Automatic Reset when Alarm Condition Clears
- Easy to read LCD display

Conspec Controls PLC Equipped Multi Channel System is a Allen Bradley PLC powered multi-analog input controller. The controller can be implemented as an independent local controller or be fed into any digital communication system. Control options are nearly endless thanks to the Allen Bradley Micrologix 1100's processing power.

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

An optional 6" Panel View Touch screen continuously shows real time values of the measured parameters as well as provides navigation through the system's screens. Audible and visual alarming can be easily achieved locally or remotely by the Micrologix's 6 available relay outputs. The processor also features 10 user inputs for even more flexibility. Security, Ethernet capabilities, and trending are just a short list of this versatile system's overall features.

Key Features

- **Robust & Durable Design**
- **Factory Preprogrammed & Calibrated**
- **Multi-Mode Communication**
- **LCD Touch Screen Display**
- **Password Protected**
- **Completely Scalable**
- **Local or Remote Alarming Capabilities**

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: Varies with Options

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

Cable Requirements: Modbus Trunk Cable or 18 AWG Transmitter Cable

Relay Contacts: Up to 6 Relay Controlled Outputs

Current Consumption: 150mA

System

Processor: Micrologix 1100 PLC

Security: Password Protected

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

Restart: 100% Hands Free After Power Interruptions

Modes: Two (Calibration & Normal)

Display: Panel View 6" LCD Touch screen Display

Trend Display: Historical Graphs for 15 Minutes to 24 Hours

System Outputs: Sensor Fail, Alarm #1, Alarm #2 and Multiple Status Indicators

Available Options

- P9027 Enclosure Mounted Halogen Strobe
- Enclosure Mounted Audible Alarming
- Ethernet Capabilities
- Multiple Relay Contact Options
- P1643-2 Remote Alarm Panel
- Analog Input Module
- Alarm Acknowledge/Silence pushbutton

Sales Representatives & Distributors



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