AIRZOE™

Static Pressure Control Systems

The **AZP-SPC-M** Air Static Pressure Control Systems have inputs and outputs that can be individually configured for air static pressure for buildings requiring variable exhaust or supply demands.
Inputs will accept a variety of common signal types and can be named by the user. Outputs can then act based upon local inputs and/or data received from the network; this allows for enhanced sequencing, flexibility, and functionality variable demand exhaust and supply systems.

- Inputs may be configured to gas level in parts per million (PPM)
- Input signals include 10k type 3 thermistor, dry contact, 4-20mA, 0-20mA, 0-5 VDC,1-5 VDC
- Configurable names and display options for each input and output
- Configurable scales for pressure and gas inputs accommodates any sensor
- Selectable facets for dry contact inputs
- Outputs can act based on any local input, or on data received from the network
- Various output logic sequences are available: ON/OFF, PI Loop, Direct or Reverse acting, Pulsed
- Outputs can be interlocked with each other
- Operates standalone or can be integrated into a compatible network
- Virtual Outputs available for additional control logic
- Outputs can be configured to maintain a fixed setpoint or a variable setpoint based on a reset curve

AZC-GDT differential pressure switch unit contains a snap-acting SPDT switch, and a range adjustment knob with increments. The sample connections located on the side accept 6.35mm (0.25”) OD tubing. There are various optional pressure ranges, and 2 pickup tubes and 6 ft of PVC tubing included.

AZS-MLP2 Series Low Differential Pressure transmitters are designed for sensing differential pressure and provides a linear 4 to 20 mA or DC voltage output equal to the specified pressure range. This technology reduces energy use by enabling fans to run at lower Hz during off peak hours. All AZ-MLP2 Series pressure transmitters are calibrated using NIST Certified equipment. Optional 3 or 5 point NIST Certificates are available and must be specified when placing your order.
Applications: Building and Duct Static Pressure, Filter Monitoring, Air Flow Measurement, Process Control, Roof Top Units, Air Handlers, Clean Rooms, Isolation Rooms, Data Centers

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