Dustronix™ Control Assembly

Solid-state product provides pressure drop measurement, digital and analog display, and pressure drop control with an alarm function.

Dustronix Control Assembly

- Adjustable setpoints and relay outputs for pressure drop control and alarm condition indication, and a 4-20 mA output loop for remote signal capability.

- Digital 3 character display with 0.6" high visibility red digital and analog bar graph for easy viewing.

- Solid-state electronics for reliability and long-term accuracy.

- High, Low, and High-Low setpoints programmable from front panel.

- Downtime cleaning option.

- User selected lockout feature to prevent unauthorized adjustment of setpoints.

- 10, 20, or 30 outputs on-board, expandable to 990 outputs (with expansion boards).

- Diagnostic LEDs for "at-a-glance" module status indication.

- Type (NEMA/UL) 4 enclosure.

- Finger-safe terminations.

- Choice of units: "wg or kPa (kiloPascals).

- Universal input voltage 100-240 VAC, 50/60 Hz.

- UL and CSA approved.

* Dustronix is a trademark of Ametek National Controls Corp.

Specifications

Display: Dual displays, analog bar graph, and 3 character digital readout, for pressure measurement and setpoint adjustment

Units of measure: "wg or kPa (kiloPascals)

LEDs to indicate that cleaning and alarm relay outputs are engaged

Keypad: SET button to scroll through parameters:

- Low Alarm setpoint
- High Alarm setpoint
- Low Cleaning setpoint
- High Cleaning setpoint
- Relay output – NC/NO
- Pressure scaling – "wg or kPa

Includes the option to select Password Protection for adjustment of parameters

Set button also acts as an Alarm Cancel

Up and Down Arrows for adjustments

Pressure Range: 10 "wg/2.5 kPa

Relays: Form A, programmable NC or NO, 5 Amps @ 240VAC/30 VDC

Output: 4-20 mA current scaled to 0 - 10 "wg/2.5 kPa

Mounting: 1/4 DIN meter face
Type (NEMA/UL) 4 enclosure

Environmental: Operating Temperature: 32º-150ºF (0º-65ºC)

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