

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 0.6" high visibility red.
- 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.

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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: 32°-150°F (0°-65°C)



Donaldson

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