



Delta P and Delta P Plus Controls

Solid-state product provides pressure drop measurement, digital display, and pressure drop control with an alarm function. Designed to provide accurate and dependable control of a pulse-cleaning timer, starting and stopping the cleaning process at the limits you choose.

- Delta P Plus offers three cleaning options:
 1. differential pressure cleaning (DFF),
 2. down-time cleaning (DTC), and
 3. combined differential and down-time cleaning (ALL).
- Downtime cleaning option is available only on the Delta P Plus.
- Delta P and Delta P Plus are available as standard equipment on many Donaldson Torit collectors and Electrical Control Panels.
- Digital 3 character display, 0.6-inch, high visibility red.
- Solid-state electronics for reliability and long-term accuracy.
- High, Low, and Alarm setpoints programmable from front panel.
- User selected lockout feature to prevent unauthorized adjustment of setpoints.
- Form C relays rated for 10 Amps at 230 VAC.
- Accuracy $\pm 1\%$ full scale.
- Programming retained in E²PROM with no battery required.
- Choice of units, inches water gauge or daPa (decaPascals).
- Jumper selected 115 or 230 VAC power.
- No battery backup is required.
- UL and CUL Approved.

DELTA P and DELTA P PLUS CONTROLS

SPECIFICATIONS

Power Required	15 VA, 115 or 230 VAC, jumper selected	
Display	Three digits - pressure measurement or setpoints Units of measurement - "wg or daPa Yellow LED - indicates cleaning relay latched Red LED - indicates alarm relay closed	
Keypad	Delta P Low Set High Set Alarm Set Up Arrow Down Arrow	Delta P Plus Menu Set Downtime Clean Up Arrow Down Arrow
Pressure Range	0 - 20 "wg	
Output Signal	4 - 20 mA for remote indication of static pressure	
Relays	Cleaning Relay: 1 NC, 1 NO, Form C, 10 Amps @ 230 VAC Latches at High setpoint, unlatches at Low setpoint Auxiliary Relay: 1 NC, 1 NO, Form C, 10 Amps @ 230 VAC Mode 1: Latches at Alarm setpoint after 10 second delay, unlatches at High setpoint Mode 2: Duplicates Cleaning Relay, no alarm function other than LED indication on front panel	
External Inputs	Remote contact closure to lock setpoints Remote contact closure for alarm reset/defeat	
Mounting	Type (NEMA/UL) 4 panel mount, up to 12 gauge panel thickness (UL and cUL approved)	
Environmental	Operating Temperature: 32 - 122°F (0 - 50°C) Humidity: 0 - 85%, noncondensing Altitude: 6,560 ft. (< 2000 meters)	

OTHER USES

- Control alarm circuits
- Monitor HEPA or safety filters
- Flow control or other dampers
- Control service indicator
- Pressure drop measurement
- Replace Photohelic®* gauge

* Photohelic is a registered trademark of Dwyer Instruments, Inc.

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