



**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)
  3. combined differential and down-time leaning (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 (15.2mm), 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 E<sup>2</sup>PROM 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

## 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 inches of H2O (0 - 559 millimeters of H2O)	
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. (1999.5 m)	

## 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.

Significantly improve the performance of your collector with genuine Donaldson Torit replacement filters and parts.

### Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.



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