

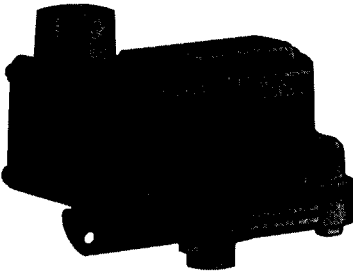
**OPERATING CHARACTERISTICS • ORDERING DATA**

**Housed Diaphragm Models**  
 Water-Tight Housing (NEMA 4)  
 Covered Terminal Strip  
 Tamper-proof External Adjustment

**PRESSURE SWITCHES - All values given in P.S.I. (Gauge)**

Proof (Test) Pressure	Adjustable Range				Approximate Actuation Value (Differential)	Wetted Material	Catalog Number	
	Decreasing		Increasing				D1T	D2T
	Min.	Max.	Min.	Max.				
3.00	0.02	1.65	0.07	1.70	0.02 to 0.05	17-7PH	D1T-H2SS	D2T-H2SS
10.00	0.03	2.85	0.18	3.00	0.07 to 0.15	17-7PH	D1T-A3SS	D2T-A3SS
60.00	0.40	17.74	0.66	18.00	0.12 to 0.26	17-7PH	D1T-H18SS	D2T-H18SS
160.00	0.50	76.60	3.90	80.00	1.60 to 3.40	17-7PH	D1T-A80SS	D2T-A80SS
300.00	1.50	144.00	7.50	150.00	2.30 to 6.00	17-7PH	D1T-A150SS	D2T-A150SS

Approximate shipping weight: 2.00 lbs.



**VACUUM SWITCHES - All values given in inches of mercury (Gauge)**

Proof (Test) Vacuum	Proof (Test) Pressure	Adjustable Range				Approximate Actuation Value (Differential)	Wetted Material	Catalog Number	
		Dec. Vacuum		Incr. Vacuum				D1T	D2T
		Min.	Max.	Min.	Max.				
6.00	10 PSI	0.06	5.72	0.34	6.00	0.14 to 0.28	17-7PH	D1T-A3SS	D2T-A3SS
30.00	60 PSI	0.80	29.20	1.60	30.00	0.40 to 0.80	17-7PH	D1T-H18SS	D2T-H18SS

Approximate shipping weight: 2.00 lbs.

**D1T SINGLE SETTING**

**D2T DUAL CONTROL**

17-7PH Stainless Steel

**DETAIL DATA**

**ELECTRICAL CHARACTERISTICS:** All models incorporate Underwriters' Laboratories, Inc. listed single pole double throw snap-action switching elements. Electrical rating (continuous inductive) 10 amps 125 or 250 volts AC, 3 amps 480 volts AC. Automatically reset by snap-action of switch. For more details and other switch classes, see pages 34-36.

**ELECTRICAL CONNECTION:** To screw terminals on covered terminal strip through 1/2" nps conduit connector.

**PRESSURE (VACUUM) CONNECTION:** 1/4" npt internal thread. 1/2" npt available stainless steel only add —P2 to catalog number when ordering.

**ADJUSTMENT INSTRUCTIONS**

**Positive Pressure:** Turn adjustment screw clockwise to lower actuation point (switch setting).

**Vacuum:** Turn adjustment screw counterclockwise to approach atmospheric pressure.

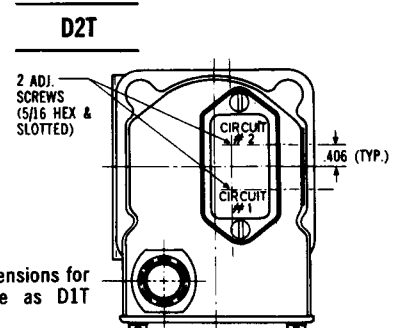
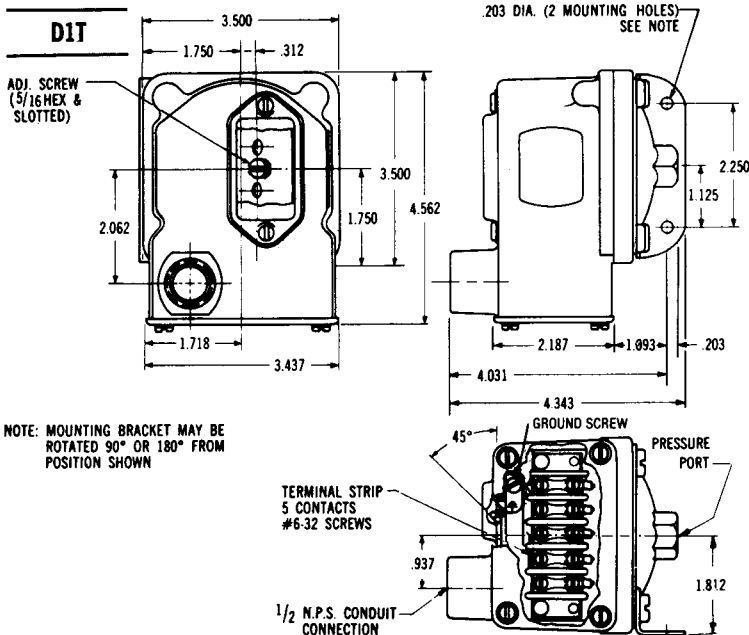
**WIRE CODING — PRESSURE**

Circuit #1: Common — Purple  
 Normally Closed — Blue  
 Normally Open — Red  
 Circuit #2: Common — Brown  
 Normally Closed — Orange  
 Normally Open — Yellow

**WIRE CODING — VACUUM**

Circuit #1: Common — Purple  
 Normally Closed — Red  
 Normally Open — Blue  
 Circuit #2: Common — Brown  
 Normally Closed — Yellow  
 Normally Open — Orange

Switches Underwriters Laboratories and Factory Mutual listed for Fire Protection service request bulletin 690627.



Note: All other dimensions for D2T are the same as D1T (left).

NOTE: MOUNTING BRACKET MAY BE ROTATED 90° OR 180° FROM POSITION SHOWN