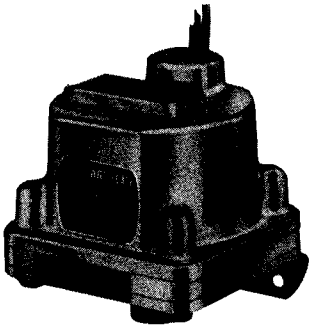
Housed Diaphragm Models
Water-Tight Housing (NEMA 4)
Tamper-proof External Adjustment

OPERATING CHARACTERISTICS • ORDERING DATA



D1H SINGLE SETTING

D2H DUAL CONTROL

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

Proof (Test) Pressure	Adjustable Range Decreasing Min.	Decreasing Max.	Increasing Min.	Increasing Max.	Approximate Actuation Value (Differential)	Wetted Material	Catalog Number D1H	Catalog Number D2H
3.00	0.02	1.65	0.07	1.70	0.02 to 0.05	17-7PH	D1H-H2SS	D2H-H2SS
10.00	0.03	2.85	0.18	3.00	0.07 to 0.15	17-7PH	D1H-A3SS	D2H-A3SS
60.00	0.40	17.74	0.66	18.00	0.12 to 0.26	17-7PH	D1H-H18SS	D2H-H18SS
160.00	0.50	76.60	3.90	80.00	1.60 to 3.40	17-7PH	D1H-A80SS	D2H-A80SS
300.00	1.50	144.00	7.50	150.00	2.30 to 6.00	17-7PH	D1H-A150SS	D2H-A150SS
Approximate shipping weight: 1.75 lbs.								

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

Proof (Test) Vacuum	Proof (Test) Pressure	Adjustable Range Dec. Vacuum Min.	Dec. Vacuum Max.	Incr. Vacuum Min.	Incr. Vacuum Max.	Approximate Actuation Value (Differential)	Wetted Material	Catalog Number D1H	Catalog Number D2H
6.00	10 PSI	0.06	5.72	0.34	6.00	0.14 to 0.28	17-7PH	D1H-A3SS	D2H-A3SS
30.00	60 PSI	0.80	29.20	1.60	30.00	0.40 to 0.80	17-7PH	D1H-H18SS	D2H-H18SS
Approximate shipping weight: 1.75 lbs.									

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 free leads through ½" nps conduit connector.

PRESSURE (VACUUM) CONNECTION: ¼" npt internal thread. ½" 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).

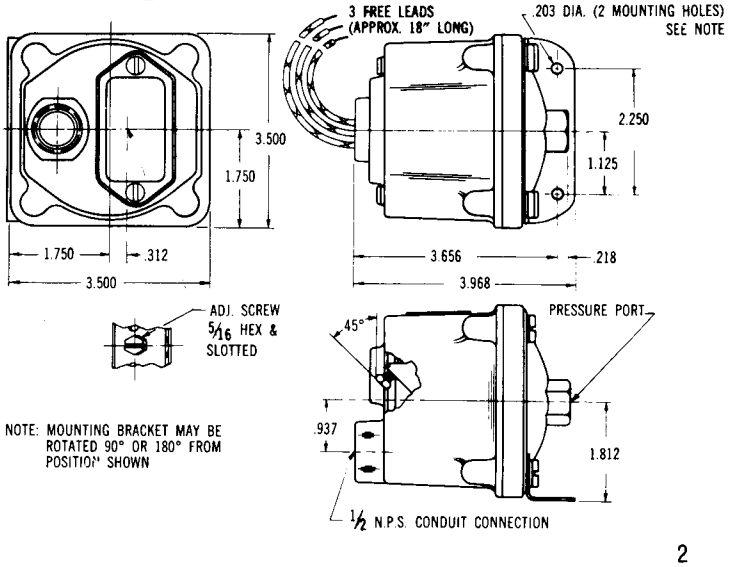
Vacuum: Turn adjustment screw counterclockwise to approach atmospheric pressure.

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.

D1H



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

D2H

Note: All other dimensions for D2H are the same as D1H (left).