

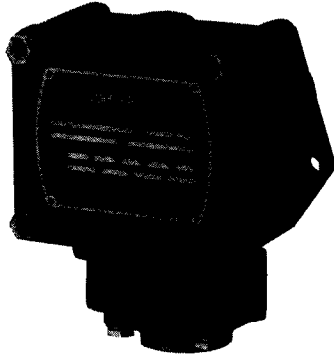


All models listed are Canadian Standards Association listed for use in hazardous locations class I, groups C and D; class II, groups E, F & G.

HI-P Dia-Seal Piston Models

OPERATING CHARACTERISTICS • ORDERING DATA

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



PIX Single Setting

Explosion Proof Enclosures (NEMA 7, 9) designed to the requirements of hazardous locations Class I, Groups C & D, and Class II Groups E, F & G. Tamper Proof External Adjustment.

| Proof (Test) Press | Adjustable Range | | | | Approx.** Actuation Value (Differential) | Catalog Number Anodized Aluminum Fitting*** Buna "N" Diaphragm | Catalog Number 316 Stainless Steel Fitting with Viton Diaphragm | Catalog Number 316 Stainless Steel Fitting with Teflon Diaphragm |
|----------------------------------|------------------|--------|------------|--------|--|--|---|--|
| | Decreasing | | Increasing | | | | | |
| | Min. | Max. | Min. | Max. | | | | |
| 2000 | .5* | 14.5* | .6* | 15.0* | .1 - .5* | PIX-H30* | | |
| 2000 | .5 | 29.0 | 1.0 | 30.0 | .1 - 1.0 | PIX-H30 | | |
| 2000 | .5 | 28.5 | 1.0 | 30.0 | .1 - 1.5 | PIX-J30 | PIX-J30SS-V | PIX-J30SS-T |
| 2000 | 3.0 | 81.5 | 4.0 | 85.0 | .25 - 3.5 | PIX-J85 | PIX-J85SS-V | PIX-J85SS-T |
| 2000 | 6.0 | 331.5 | 7.0 | 340.0 | 1.0 - 8.5 | PIX-J340 | PIX-J340SS-V | PIX-J340SS-T |
| 2000 | 25.0 | 581.0 | 27.0 | 600.0 | 2.0 - 19.0 | PIX-J600 | PIX-J600SS-V | PIX-J600SS-T |
| 2000 | 400.0 | 1520.0 | 480.0 | 1600.0 | 20.0 - 80.0 | PIX-J1600 | PIX-J1600SS-V | PIX-J1600SS-T |
| 2000 | .5 | 28.5 | 1.0 | 30.0 | 0.1 - 1.5 | PIX-M30 | PIX-M30SS-V | PIX-M30SS-T |
| 2000 | 3.0 | 80.0 | 5.0 | 85.0 | 1.0 - 5.0 | PIX-M85 | PIX-M85SS-V | PIX-M85SS-T |
| 2000 | 6.0 | 330.0 | 10.0 | 340.0 | 2.0 - 10.0 | PIX-M340 | PIX-M340SS-V | PIX-M340SS-T |
| 2000 | 25.0 | 577.0 | 28.6 | 600.0 | 3.6 - 23.0 | PIX-M600 | PIX-M600SS-V | PIX-M600SS-T |
| Approximate shipping weight lbs. | | | | | | 3.5 | 3.5 | 3.5 |

*Tabulation is to show characteristics in 3-15 psi instrument air range. Name plate data will be for .5 to 30. psi range.

**Fixed at any pressure setting. Varies as shown from lowest to highest setting.

OPTIONAL MODIFICATIONS: *DIAPHRAGMS:** These models can be supplied with Viton or Teflon diaphragms to special order. To specify, add suffix -V or -T to switch number and consult plant for delivery. **HERMETICALLY SEALED SWITCH ELEMENTS** (not C.S.A. approved). To specify, add prefix "H" to switch number and change standard class of electrical switch to either -AA or -HH. Example: HP1X-AA30, HP1X-HH30. See pages 35-36 for approximate differential by class of switch element and electrical ratings.

DETAIL DATA

ELECTRICAL CHARACTERISTICS: All models incorporate Underwriters' Laboratories, Inc. listed single pole double throw snap-action switching elements. Electrical rating (continuous inductive) Class H & J switches 10 amps 125 or 250 volts AC, 3 amps 480 volts AC. Automatically reset by snap-action of switch. Class J switch element with Elastomer Boot around actuator and sealed to prevent moisture and foreign matter from affecting contacts. Class M switch 10 amps 125 or 250 VAC, 3 amps 480 VAC. .5 amps 125 VDC, .25 amps 250 VDC.

ELECTRICAL CONNECTION: Through 1/2" npt conduit connection to screw terminals on switch.

PRESSURE CONNECTION: 1/4"-18 npt internal thread. 1/2" npt available, add -P2 to catalog number when ordering.

ADJUSTMENT INSTRUCTIONS

Loosen set screw with a #10 Allen wrench. With screwdriver, turn adjustment screw clockwise to raise and counterclockwise to lower the actuation point. Tighten set screw after desired setting is reached.

