

## Explosion Proof Dia-Seal Piston

**P1X Series**

### Features

- ▶ Explosion proof housing
- ▶ High reliability
- ▶ Extremely long life
- ▶ UL & CSA listed

### Applications

- ▶ Power plants
- ▶ Water pumps
- ▶ Hydraulic power units
- ▶ Pneumatic devices
- ▶ General industrial applications
- ▶ Oil & gas applications

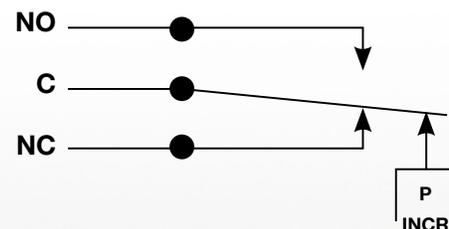


### General Specifications\*

<b>Electrical Characteristics:</b>	All models incorporate Underwriters Laboratories, Inc. and CSA Listed single pole double throw snap-action switching elements
<b>Accuracy:</b>	± 2% of the adjustable range
<b>Switch:</b>	Single pole double throw (SPDT) snap action; single circuit
<b>Wetted Parts:</b>	
Process Fitting:	Anodized aluminum
Diaphragm:	Buna-N
Enclosure:	Anodized aluminum
<b>Electrical Connection:</b>	Internal screw terminals via 1/2" NPT conduit connector
<b>Enclosure Ratings:</b>	NEMA 7, 9
<b>Pressure Connection:</b>	1/4"-18 NPT female (standard)
<b>Approvals:</b>	
UL:	File No. E37043; approved for hazardous locations, Class I, DIV 1, Groups C&D, Class II Groups E, F, & G; not available on 1600 psi range
CSA:	Class 3238-01, File No. 022354-0-000
PED (European):	Compliant to PED 97/23/EC

<b>Temperature Range:</b>	
Operating:	-4° to +140°F (-20° to +60 °C)
Storage:	-40° to +200 °F (-40° to +93°C)
<b>Adjustment Instructions:</b>	Loosen setscrew with a #10 allen wrench. With screwdriver, turn adjustment screw clockwise to increase and counterclockwise to decrease the actuation point. Tighten setscrew after desired setting is reached.
<b>Options:</b>	- Viton® diaphragm - Teflon diaphragm - Hermetically sealed limit switch - Factory preset
<b>Shipping Weight:</b>	3.75 lbs. approximate

### Wiring Diagram



\* See product configurator for additional options.