## **Dia-Seal Piston**

#### **Features**

- Superior resolution
- High reliability
- Oil & dust tight
- Extremely versatile
- ▶ NEMA 4 & 13
- CSA approved

### **Applications**

- Pump & compressor monitoring
- Air proving in HVAC systems
- Irrigation systems
- Engine monitoring
- Machine tools
- General industrial applications

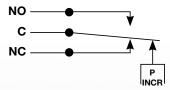


## **General Specifications\***

Electrical Characteristics:	All models incorporate Underwriters Laboratories, Inc. and CSA Listed single pole double throw snap-action switching elements
Accuracy:	$\pm 2\%$ of the adjustable range
Switch:	Single pole double throw (SPDT) snap action; single circuit (see order key for ratings)
Wetted Parts: Process Fitting: Diaphragm:	Anodized aluminum (standard) Buna N
Enclosure:	Anodized aluminum
Electrical Connection:	nternal screw terminals via ½" NPT conduit connector
Enclosure Ratings:	NEMA 4, 13
Pressure Connection:	1/4" NPT female (standard)
Approvals: CSA:	Class 3231 02, File No. LR22355
PED (European):	Compliant to PED 97/23/EC
<b>Temperature Range:</b> Operating:	-20° to +165°F (-29° to +74 °C) Hermetic Div. 2 models: -4° to +140°F (-20° to +60 °C)
Storage:	-40° to +200°F (-40° to +93°C)

Adjustment Instructions:Loosen setscrew with a #10 allen<br/>wrench. With screwdriver, turn<br/>adjustment screw clockwise<br/>to increase and counterclock<br/>wise to decrease the actuation point.<br/>Tighten setscrew after desired setting<br/>is reached.Options:- NEMA 4X<br/>- Hermetically sealed limit switch<br/>- Factory preset<br/>- CSA approvalShipping Weight:3.75 lbs. approximate

## **Wiring Diagram**



\* See product configurator for additional options.

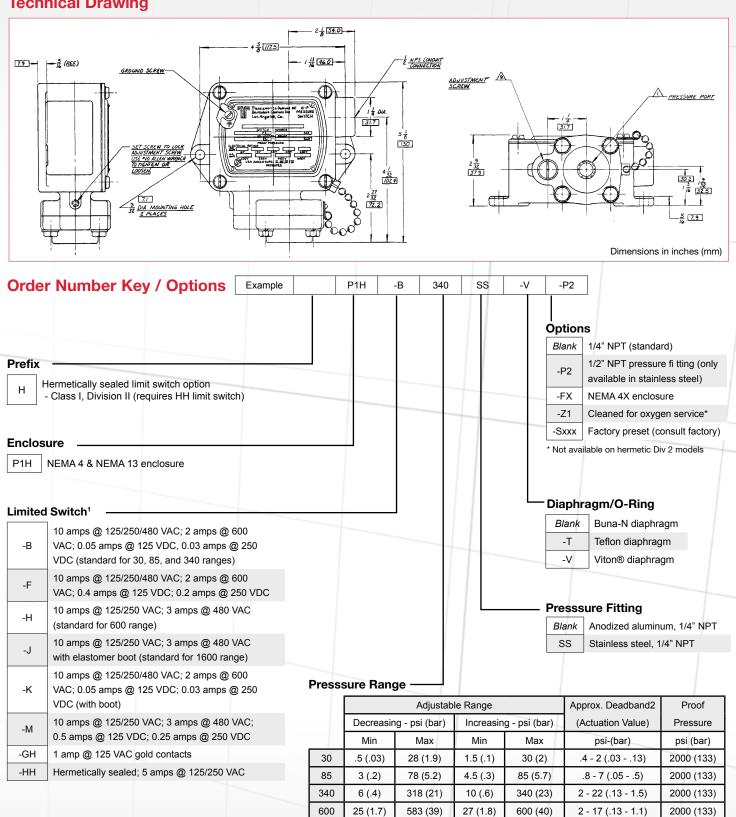
# P1H Series



## **Dia-Seal Piston**

## **P1H Series**

## **Technical Drawing**



#### NOTES:

1 Consult sales drawing for specifi c deadband values

2 Deadband values indicated when used with the "standard" limit switch

2000 (133)

20 - 80 (1.3 - 5.3)

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1600

400 (27)

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