

## Neo-Dyn® Series 240P Pressure Switch/Internal Adjustment

Compact, adjustable pressure switch for machine tool use. Low cost pressure switch used on a variety of hydraulic applications. Stripped for panel mount or housed for direct machine mount. Features efficient Nega-Rate® Belleville disc spring which ensures precise set point stability and vibration resistance.

### Operating Pressure Data

Adjustable Range Number	Adjustable Set Point Range		Deadband (approximate)	Maximum Recommended System Pressure	Pressure
	Increasing	Decreasing			3000
2	75 to 550	35 to 510	40*	2000	3750
4	300 to 2300	150 to 2150	150*	2500	

All values given in psig.

\*The deadband increases as the adjustable set point is increased.

### Standard Specifications

#### Electrical

Snap action electrical switch listed by Underwriters' Laboratories, Inc. and CSA International

#### Electrical Connection

½" - 14 NPT female conduit connection with terminal block

#### Pressure Connection

¼" - 18 NPT Female

#### Temperature Range\*

Ambient: -40°F to +180°F  
(-40°C to +82°C)

Media: -40°F to +180°F  
(-40°C to +82°C)

\*Temperature limits change with O-Ring selection

#### Adjustment

Concealed wrench flat adjustment and range scale

#### Shipping Weight

Approximately 20 ounces



**Weather Proof**  
(NEMA 4 and 13)

### Ordering Sequence — Select desired option for each category

#### OPTIONS

##### Wetted Material

1 Aluminum port, Buna-N O-Ring

##### Adjustable Range

2 35 psig dec. to 550 psig inc. (2.4 bar dec. to 37.9 bar inc.)

4 150 psig dec. to 2300 psig inc. (10.3 bar dec. to 158.6 bar inc.)

##### Electrical Form

C 11 amp, ¼ hp at 125/250 VAC; 5 amp resistive, 3 amp inductive at 28 VDC;  
.5 amp resistive at 125 VDC

CC 11 amp, ¼ hp at 125/250 VAC; 5 amp resistive, 3 amp inductive at 28 VDC;  
.5 amp resistive at 125 VDC

Z 11 amp, ¼ hp at 125/250 VAC; 5 amp resistive, 3 amp inductive at 28 VDC;  
.5 amp resistive at 125 VDC

##### Enclosure

1 Stripped form — no housing included

3 Meets or exceeds the requirements of NEMA Type 1, 2, 4 and 13

##### Miscellaneous

B Viton O-Ring

C EPR O-Ring

E 7/16" - 20 SAE port

L Neon light indicator — 115 VAC (Enclosure 3 only)

P 5-Pin Brad Harrison connector (Reduce AC electrical rating to 8 amps)  
(Not for CC3 Electrical)

T Safety chained cover

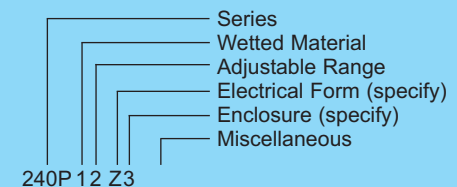
#### Special (Consult representative or factory)

■ Non-catalog adjustable range and/or set point, deadband and proof pressure

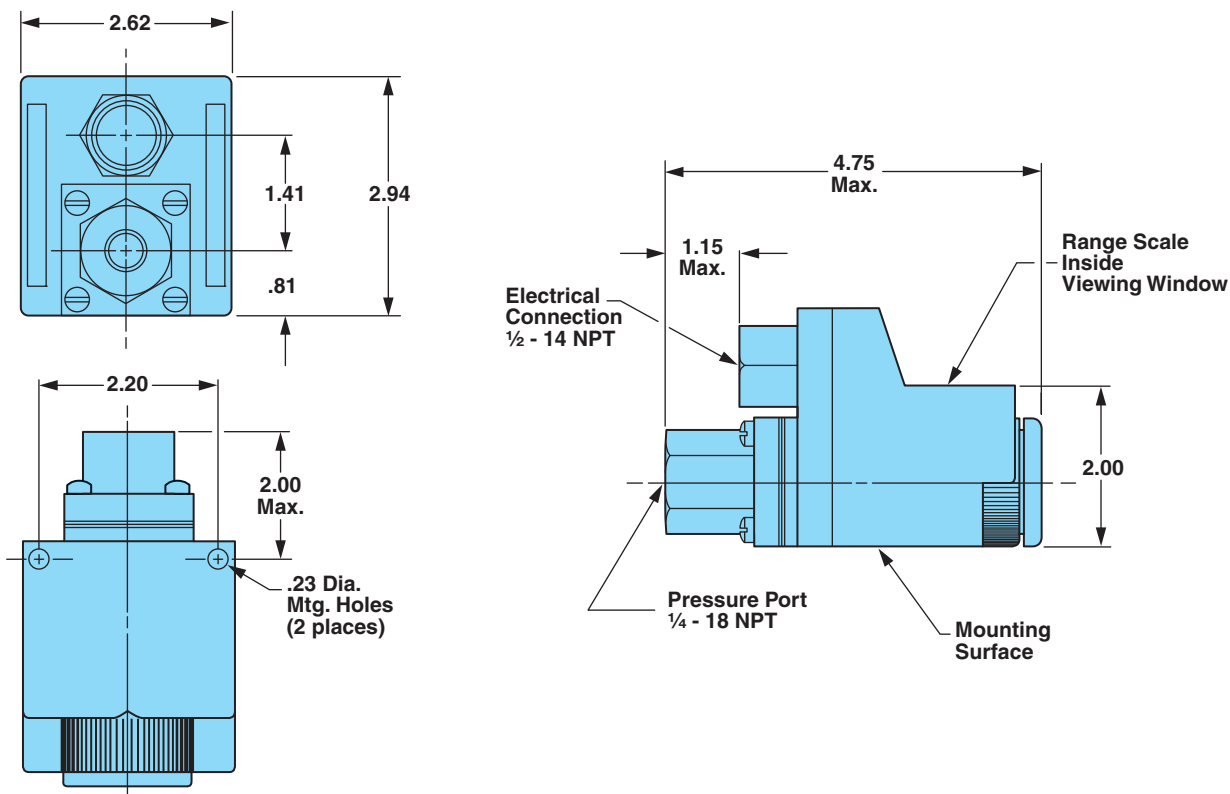
### Ordering Procedure

- When factory presetting is desired, stipulate set point, increasing or decreasing
- Insert available option number or letter designation as required

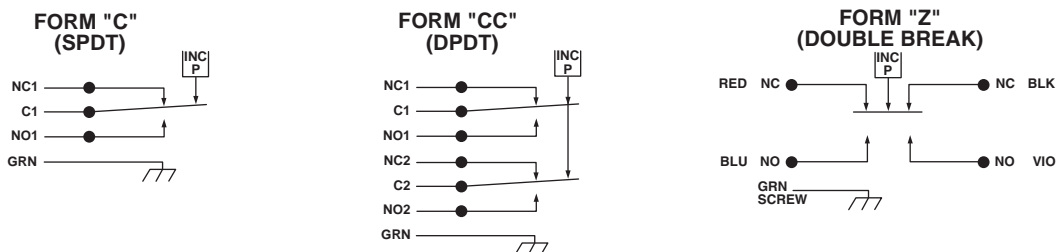
### Example



## Envelope Dimensions



## Electrical Form



## Basic Principles of Design

