

## Compact Pressure Switch

Series 7000

### Features

- ▶ Compact size
- ▶ Multiple electrical connections
- ▶ True SPDT snap action micro-switch
- ▶ NEMA 1 or 4 (depending on electrical connection)
- ▶ Factory preset or field adjustable
- ▶ Available in stainless steel or brass

### Applications

- ▶ Air proving in HVAC systems
- ▶ Engine monitoring
- ▶ Hydraulic power units
- ▶ Mobile hydraulics
- ▶ Pump or compressor control
- ▶ Hydraulic and pneumatic braking systems



### 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>	±8% typical for ranges "2" to "7"
<b>Switch:</b>	SPDT snap action; single circuit
<b>Wetted Parts:</b>	
Diaphragm type: (range 2, 3)	300 series stainless steel fitting or brass fitting and Buna-N diaphragm.
Piston type: (ranges 4, 5, 6, 7)	300 series stainless steel or brass fitting.
<b>Electrical Connection:</b>	See product configurator for electrical connection options.
<b>Enclosure Ratings:</b>	NEMA 1; NEMA 4
<b>Pressure Connection:</b>	1/4" NPT (standard)

\* See product configurator for additional options.

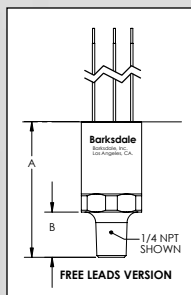
<b>Approvals:</b>	
UL:	Recognized components per UL 508 standard, industrial control equipment.
CSA:	Listed per CSA Guide 380-W1.16 class 3231
PED (European):	Compliant to PED 97/23/EC standard
<b>Temperature Range:</b>	
Operating:	-40° to +180°F - piston type 0° to 180°F - diaphragm type
Storage:	-40° to +200°F
<b>EMI/RFI:</b>	
Vibration:	10 g's per MIL-STD 202, method 204, condition A
Shock:	50 g's per MIL-STD 202, method 213, condition A
<b>Adjustment Instructions:</b>	
Pressure Setpoint:	Turn adjustment screw clockwise to increase pressure; counterclockwise to decrease pressure.
<b>Shipping Weight:</b>	Stainless steel: approximate .25 lbs.

### SS Fitting Dimension

FITTING	DIMENSION 'A'	DIMENSION 'B'
1/4 NPT	2.25 [57.15]	.75 [19.05]
1/8 NPT	2.62 [66.55]	1.10 [27.94]
* 7/16 NPT	2.25 [57.15]	.75 [19.05]
* G 1/4	2.25 [57.15]	.75 [19.05]

FOR (-6 AND -7) PRESSURE RANGE BRASS FITTINGS, ADD .51 INCH LENGTH TO ABOVE DIMENSIONS 'A' AND 'B'

\* Available in stainless steel only



### Wiring Code

CONTACT	FREE LEADS	PVC GRAY CABLE	TYPE 'SJO' CABLE	DIN 43650 TYPE CONNECTOR
COMMON	PURPLE	WHITE	WHITE	POSITION 1
NORMALLY OPEN	RED	RED	GREEN	POSITION 3
NORMALLY CLOSED	BLUE	BLACK	BLACK	POSITION 2

**Barksdale**  
CONTROL PRODUCTS

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