INDUMART Canada
www.indumart.com

Compact Pressure Switches

SERIES: 2000

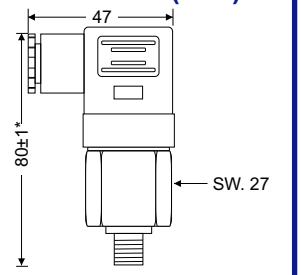
- ADJUSTABLE SET POINT & HYSTERESIS
- 6A SWITCHING CURRENT @ 250 VAC
- SILVER-PLATED CONTACTS
- CHANGEOVER SWITCHING CONTACT
- UP TO 120°C OPERATING TEMPERATURE
- HIGH MECHANICAL SERVICE LIFE

INTRODUCTION

Indumart *2000 Series* Pressure Switches are used when an electrical signal is required at a given pressure value. The measuring principle of the *2000 Series* is a spring loaded diaphragm (ranges 0 to 5) or a sturdy piston (ranges 6 & 7) and its switching point as well as its hysteresis are adjustable (1).

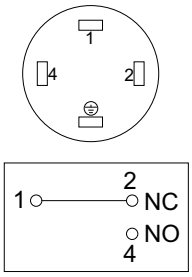
Electrical connection is made in the instrument's DIN connector, and the switching reliability and long service life of the instrument is guaranteed by its silver plated change-over contact.

Dimensions (mm)



* may vary by ±2 mm depending on the connection size

Electrical Connection



SPECIFICATIONS

Maximum Switching	6A @ 250 VAC; 2A @ 24 VDC
Electrical Contact	SPDT; Silver-plated
Hysteresis	Adjustable,10 to 30% of the range (1)
Environ. Protection	IP65
Weight	115 ± 5 grams (0.25 lb)

Note: For other diaphragm material, please consult Indumart Inc.

(1) The required hysterisis must be specified at the time of ordering.

Specifications may change without prior notice

ORDER CODE

Model: **2000 -** ☐ ☐

PRESSURE RANGE
-13...-3 psi (-0.9...-0.2 bar) 0
5...22 psi (0.3...1.5 bar) 1
15...72 psi (1...5 bar) 2
15...150 psi (1...10 bar) 3
150...720 psi (10...50 bar) 4
150...1500 psi (10...100 bar) 5
450...2200 psi (30...150 bar) 6
1500...4350 psi (100...300 bar) 7

CONNECTION
G ⅛ 1
¼" NPT 2
G ¼ 3

Range #	Setting Range	Tolerance @ 20°C	Case Material	Element	Max. Static Pressure	Max. Fluid Temperature
0	-13...-3 psi (-0.9...-0.2 bar)	±1.5 psi (±0.1 bar)	Brass	Diaphragm - Neoprene	300 psi (20 bar)	80°C
1 2 3 4 5	5...22 psi (0.3...1.5 bar) 15...72 psi (1...5 bar) 15...150 psi (1...10 bar) 150...720 psi (10...50 bar) 150...1500 psi (10...100 bar)	±3 psi (±0.2 bar) ±4.5 psi (±0.3 bar) ±7 psi (±0.5 bar) ±30 psi (±2 bar) ±45 psi (±3 bar)	Passivated AVP Steel	Diaphragm FKM (Viton)	4300 psi or 300 bar	120°C
6 7	450...2200 psi (30...150 bar) 1500...4350 psi (100...300 bar)	±75 psi (±5 bar) ±150 psi (±10 bar)	Passivated AVP Steel	Piston with PUR o-ring	8700psi or 600 bar	80°C

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