

# FF4 INDUSTRIAL PRESSURE CONTROLS

The FF4 Industrial Pressure Controls are general purpose switches suitable for oil, water and air at pressures up to 465 psig.

## TYPICAL APPLICATIONS

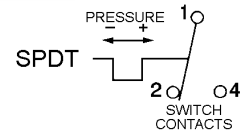
- ☆ Industrial Pressure Control
- ☆ Pneumatic and Hydraulic Systems
- ☆ Oil Lubrication Systems
- ☆ Pump/Compressor Control

## FEATURES

- ☆ SPDT snap-action contacts
- ☆ Independent adjustable upper and lower switching pressures
- ☆ Diaphragm-type control for low pressure applications (Buna N diaphragm):
  - resistant to mineral oils
  - medium temperatures up to 160°F
- ☆ Transparent polyamide hood – U.V. resistant
- ☆ Surface mounted Type 4 enclosure
- ☆ Optional manual reset locking on pressure rise

## OPTIONS

- ☆ Optional manual reset locking on pressure rise.



## SPECIFICATIONS

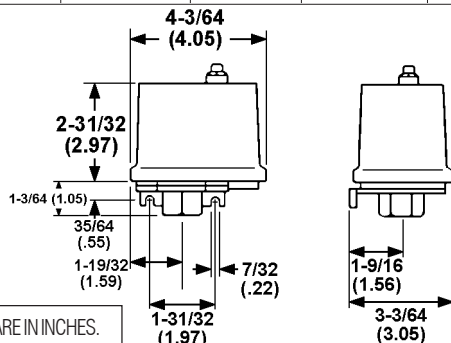
- ☆ Control circuit rating: 5 A (B300)
- ☆ Rated voltage: 300VAC Max.
- ☆ Ambient operating temperature: -10°F to +120°F
- ☆ Medium temperature at pressure element: + 160°F maximum
- ☆ Resistance to vibration (4 Hz to 1000 Hz) 4g
- ☆ Weight: 1.1 lbs.

	120VAC	240VAC
Maximum motor rating single phase	1/2 hp	1-1/2 hp
Motor rated, FLA	10 A	10 A
Motor rated, LRA	60 A	60 A

## NOMENCLATURE — EXAMPLE FF4-2 DAH

FF4	2					D	A	H
Industrial Pressure Control		Lower Switch Point Range	Upper Switch Point Range	Smallest Differential @ Lower-Higher end of Range	Standard Settings	Valve Design D = Diaphragm	Reset Type A = Auto  R = Manual, Locking on Pressure Rise	Pressure Connection G = 1/4 female, DIN ISO 228/1  H = 3/8 female, DIN ISO 228/1  I = 1/2 female, DIN ISO 228/1
	2	0.5-27 psig 0.04-1.89 bar	1.5-29 psig 0.11-2 bar	1-1.5 psig 0.07-0.11 bar	7/22 psig 0.5/1.5 bar			
	4	1-54 psig 0.07-3.75 bar	3-58 psig 0.22-4 bar	2-4 psig 0.15-0.11 bar	14/44 psig 1/3 bar			
	8	3-109 psig 0.2-7.5 bar	7-116 psig 0.5-8 bar	4-7 psig 0.3-0.5 bar	29/87 psig 2/6 bar			
	16	6-217 psig 0.4-15 bar	15-232 psig 1-16 bar	9-14 psig 0.6-1 bar	58/174 psig 4/12 bar			
	32	12-435 psig 0.8-30 bar	29-464 psig 2-32 bar	17-29 psig 1.2-2 bar	145/290 psig 10/20 bar			

## FF4 DIMENSIONAL DATA



DIMENSIONS SHOWN ARE IN INCHES.

## FF4 ORDERING INFORMATION

PCN*	DESCRIPTION
097869	FF4-2 DAH
097380	FF4-8 DAH
097182	FF4-16 DAH
097870	FF4-32 DAH
097342	FF4-2 DAI
097187	FF4-10 DAI

Standard Product Offering

\* Product Code Number