



DESCRIPTION

A basic snap disc design pressure switch for control applications. It has the ability to automatically reset pressure at various desired settings. Its main uses are in the air conditioning and refrigeration field.

FEATURES

- Stainless steel diaphragm
- Compact size
- Low cost
- Factory adjusted differential
- Preset differential

APPLICATIONS

- Air conditioning
- Refrigeration

Specifications

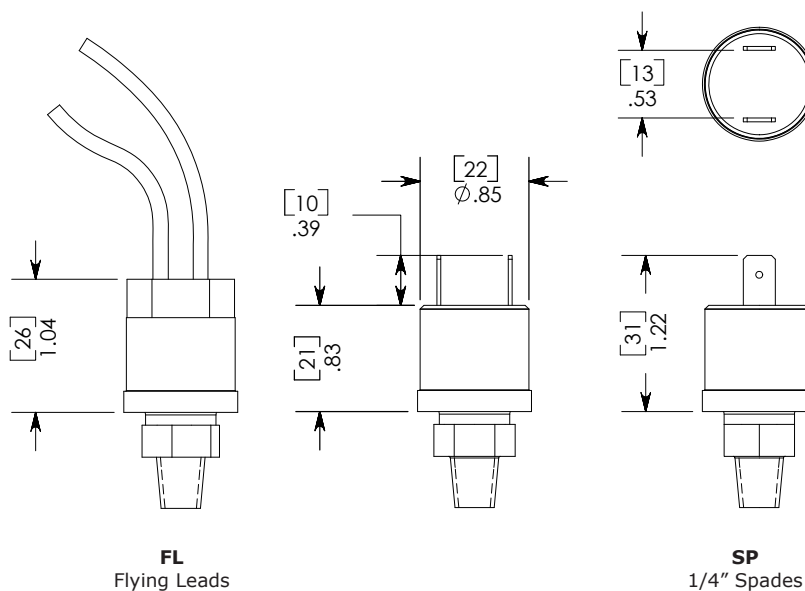
Electrical	2A [12/24 VDC] or 120/240 VAC, 375 VA
Switch Type	Snap Disc
Protection	Terminals - IP00
Temperature Range	-40°F to 180°F (-40°C to 82°C)
Mechanical Life Expectancy	100,000 Cycles
Diaphragm Material	Standard: Stainless Steel
Housing Material	Brass
Maximum Overpressure	500 PSI (35 BAR) for set points up to 145 PSI (10 BAR) 770 PSI (55 BAR) for set points 146 PSI to 290 PSI (10.1 BAR - 20 BAR) 1200 PSI (85 BAR) for set points 291 PSI to 630 PSI (20.1 BAR - 45 BAR)
Weight	0.07 lbs (0.03 kg)

Pressure Range

Set Point	
PSI	BAR
5 - 650	0.3 - 45

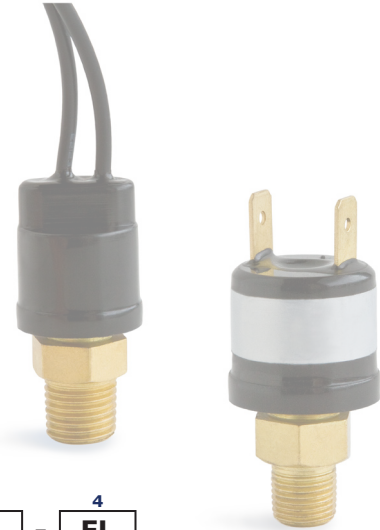
*Factory Set Only

Dimensions



Wiring Code

CONTACT	FLYING LEADS	FLWF / FLWM WEATHERPACK	FLDR / FLDP DEUTSCH RECEPTACLE / PLUG
COMMON	BLACK	A	PIN 1
NORMALLY CLOSED	BLACK	B	PIN 2
NORMALLY OPEN	BLACK	B	PIN 2



Ordering Information

Factory Preset **SLF** - ¹**30R/25F** - ²**2M** - ³**A** - ⁴**FL**

1 - Pressure Selection

Insert rising and falling set point value XXX followed by: R, F, BR, or BF

Set Point	Direction	Description
XX/XX	R	PSI Rising Pressure
	F	PSI Falling Pressure
	BR	BAR Rising Pressure
	BF	BAR Falling Pressure

3 - Circuit:

- A** - SPST (Normally Open)
- B** - SPST (Normally Closed)

2 - Thread Options:

- 2M** - 1/8 NPT male
- 2MF** - 1/8 NPT female
- 4M** - 1/4 NPT male
- 4MF** - 1/4 NPT female
- 2G** - 1/8 BSPP male, G1/8
- 2GF** - 1/8 BSPP female, G1/8
- 4G** - 1/4 BSPP male, G1/4
- 4GF** - 1/4 BSPP female, G1/4
- SV** - Schreader valve

4 - Electrical Termination:

- FL** - Flying Lead 18" long, 18 AWG
- FLWF** - Flying Lead Weatherpack connector, female, Tower, 10" long leads
- FLWM** - Flying Lead Weatherpack connector, male, Shroud, 10" long leads
- FLDP** - Flying Lead Deutsch connector, plug, 10" long leads
- FLDR** - Flying Lead Deutsch connector, receptacle, 10" long leads
- FLCM** - Flying Lead Metripack, male, 150 series, 10" long leads
- FLCF** - Flying Lead Metripack, female, 150 series, 10" long leads
- FLPM** - Flying Lead Metripack, male, 280 series, 10" long leads
- FLPF** - Flying Lead Metripack, female, 280 series, 10" long leads
- SP** - 1/4" Spade
- TS** - Terminal Screw, #8-32

Note: Please see page 62 for other available options