



DESCRIPTION

The SLBA / SLBF pressure switch is designed with a teflon coated polyimide diaphragm allowing for exceptional use in harsh temperatures with minimal effect to the set point. This switch is ideal for low pressure applications under 500 psi.

FEATURES

- Silver nickel alloy contacts
- Minimal temperature effect
- Vented internal system
- Compact body

APPLICATIONS

- Oil pressure switch
- Fuel pressure switch
- Boost pressure switch

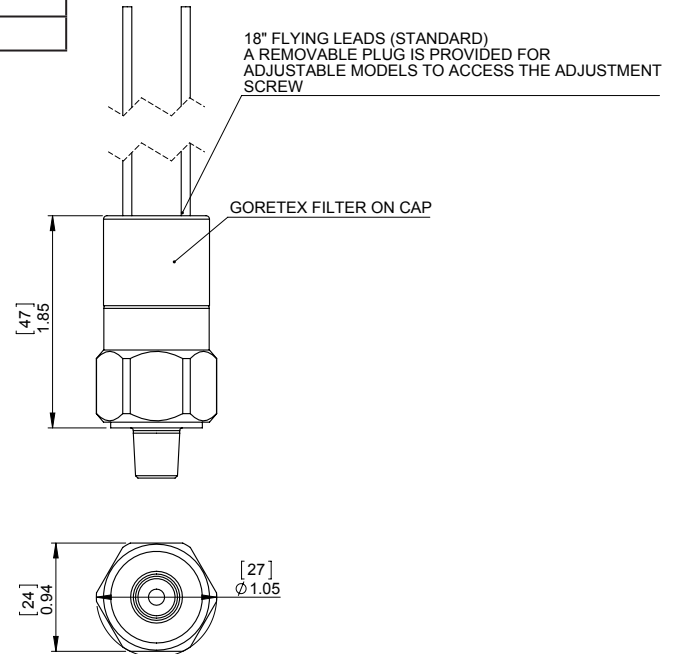
Specifications

Electrical	100 VA, 42 VDC
Switch Type	Blade Contact
Protection	IP68
Temperature Range	-40°F to 230°F (-40°C to 110°C)
Mechanical Range	1,000,000 Cycles @ 75 PSI
Diaphragm Material	Teflon coated polyimide
Housing Material	Brass
Seals	EPDM
Maximum Overpressure	500 psi
Repeatability	+/- 3% of full set point range
Weight	0.16 lbs (0.07 kg)

Pressure Range

MODEL	ADJUSTMENT RANGE	
	PSI	BAR
1	2 - 20	0.1 - 1.4
2	20 - 60	1.4 - 4.2
3	50 - 130	3.5 - 9.0

Dimensions



Wiring Code

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

Ordering Information

Field Adjustable	SLBA	-	1	-	2M	-	A	-	FL	-	2	-	7
Factory Preset	SLBF	-	30F	-	2M	-	A	-	FL	-	2	-	7

1 - Pressure Selection:

Field Adjustable - Select Model Code

MODEL	ADJUSTMENT RANGE	
	PSI	BAR
1	2 - 20	0.1 - 1.4
2	20 - 60	1.4 - 4.2
3	50 - 135	3.5 - 9.0

OR

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

Set point	Direction	Description
XXXX	R	PSI Rising Pressure
	F	PSI Falling Pressure
	BR	BAR Rising Pressure
	BF	BAR Falling Pressure

2 - Thread Options:

2M - 1/8 NPT male

3 - Circuit:

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

4 - Electrical Termination:

- FL** - Flying Lead 18" long, 18 AWG, IP68 Cap is standard with this option
- 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

5 - Diaphragm Material:

2 - EPDM Diaphragm

6 - Options (Omit if not required):

- 7** - Gold Contact, 0.4VA, 30 VDC
- SR** - Snubber



Note: Please see page 52 for other available options