

# **SLBA / SLBF**



## 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

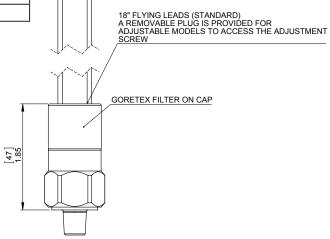
#### **APPLICATIONS**

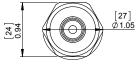
- Oil pressure switch
- Fuel pressure switch
- Boost pressure switch

Specification	າຣ	
Electrical	100 VA, 42	VDC
Switch Type	Blade Conta	act
Protection	IP68	
Temperature Range	-40°F to 23	0°F (-40°C to 110°C)
Mechanical Range	1,000,000	Cycles @ 75 PSI
Diaphragm Material	Teflon coate	ed polyimide
Housing Material	Brass	
Seals	EPDM	
Maximum Overpressure	500 psi	
Repeatability	+/- 3% of 1	full set point range
Weight	0.16 lbs (0	.07 kg)

Pressure Range				
MODEL	ADJUSTMEN	T 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**



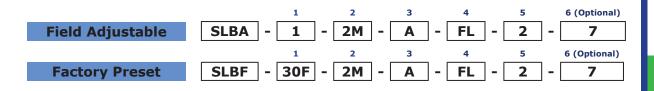


Wiring	g Code		
CONTACT	FLYING LEADS	FLWF	FLDR / FLDP DEUTSCH RECEPTACLE / PLUG
COMMON	BLACK	PIN A	PIN 1
NORMALLY CLOSED	BLACK	PIN B	PIN 2
NORMALLY OPEN	BLACK	PIN B	PIN 2



**Ordering Information** 

**SLBA / SLBF** 





## Pressure Selection:

Field Adjustable - Select Model Code

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

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

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

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
- $\ensuremath{\textbf{FLDR}}$  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
- $\ensuremath{\text{FLPM}}$  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):

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

