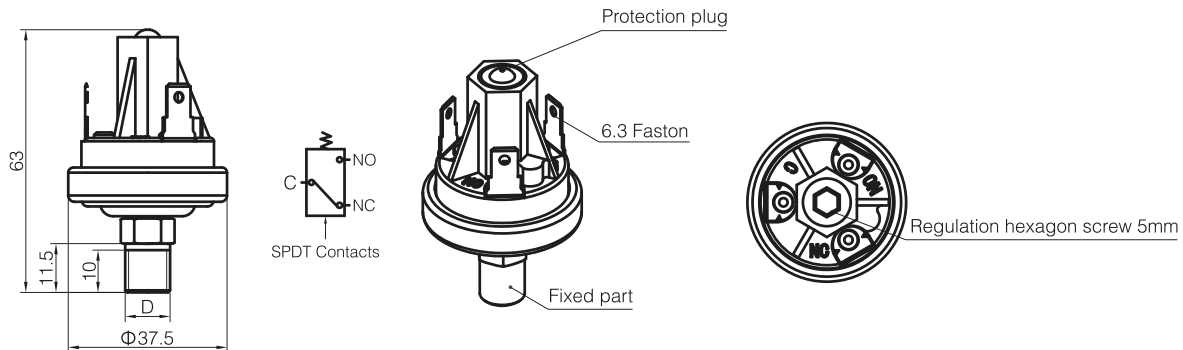




Product details

1. The PF20 hot tub pressure switch is specifically designed to stand up to extended duty applications.
2. This switch is factory set but capable of field adjustment.
3. It features different diaphragms for compatibility with a wide variety of fluids, and various terminations including a Metri-Pack connector that forms a tight seal when connected.
4. Among the outstanding design benefits are its durable construction, compact size, and enhanced set point integrity.
5. It can be widely used for pool and spa, anti-skid braking systems, water pump systems, and dental air compressors, heavy construction, off road equipments and other pressure control systems.

Dimensions



Ordering code

Pressure set point range	Circuitry	Base material	Connection	Terminals	Cover	Pressure setting
0.5-1psi±0.3psi	SPST-NC	Brass	1/8NPT	1/4 Blade	None	10psi
1.1-3psi±0.5psi	SPST-NO	Plated steel	1/4NPT	#8-32 Scerws	Cover A	
3.1-7psi±1psi	SPDT-NO-C-NC	Stainless steel	R1/8	Wire leads	Cover B	
8-13psi±2psi	SPST-NO(Adjustable)		R1/4			
14-4psi±3psi	SPDT-NO-C-NC(Adjustable)		G1/8			
25-50psi±5psi			G1/4			
51-90psi±7psi						

Specifications

Model	PF20
Media	Air, water, motor oils, transmission oils, jet fuels and other similar hydrocarbon media
Pressure set point	Factory set from 0.5 to 150psi
Max operating pressure	150psi for 0.5-24psi set point range, 250psi for 25-150psi set point range
Proof pressure	500psi
Burst pressure	750psi for 0.5-24psi set point range, 1250psi for 25-150psi set point range
Opreating temperature range	-40℃ to +120℃
Switch type	Direct action, blade contact
Electric rating	Resistive: 15AMP-6VDC, 8AMP-12VDC, 4AMP-24VDC
	Inductive: 1AMP-120VAC, 0.5AMP-240VAC
Contact arrangement	SPST-N.O,N.C 1circuit adjustable dual circuit, or 2circuits adjustble dual circuit. Also available are N.O/N.O. dual circuit and N.C/N.C. dual circuit
Terminal	#8-32 Screws, 1/4" Blade
Connection	1/8-27NPT Male
Material	Contact: silver alloy, gold plated; Base: brass; Cover: glass reinforced polyester; Diaphragm: polyimide film
Options	Plated steel, plastic or stainless steel base; Various base connector thread size;
	Wire leads (Potted & sealed); Teflon or EPDM diaphragm

Conversion: 1kgf/cm²=14.2psi 1bar=14.5psi

Pressure
Switch

T1030

T1050

T1700

T1800

T2000W

PF08

PF08A

PF08V

PF20

PF20-V

PF25

PF26

PF37

PF701B

PF702

PF702A

PF702B

PF703A

PF704

PF704A

PF705

PF705A

PF705B

PF706

PF706A

PFDS10

PFDS63

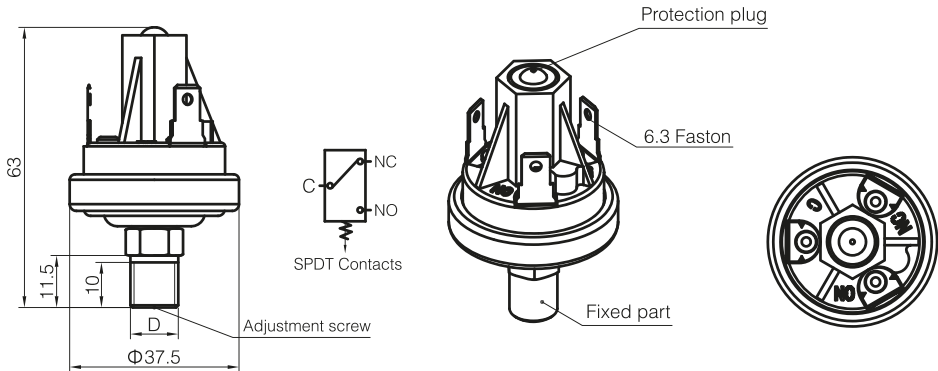
Pressure Switch
T1030
T1050
T1700
T1800
T2000W
PF08
PF08A
PF08V
PF20
PF20-V
PF25
PF26
PF37
PF701B
PF702
PF702A
PF702B
PF703A
PF704
PF704A
PF705
PF705A
PF705B
PF706
PF706A
PFDS10
PFDS63



Product details

- 1. PF20-V vacuum switch is specifically designed to stand up to extended duty applications.
- 2. This switch is factory set. It features a fluorosilicone rubber diaphragm for compatibility with a wide variety of fluids, and various terminations including a Metri-Pack connector that forms a tight seal when connected.
- 3. Among the outstanding design benefits are its durable construction, compact size, and enhanced set point integrity.

Dimensions



Ordering code

PF20	-	V	-	4		A		B		C		D		E	-	20"Hg
Pressure set point range						Circuitry		Base material		Connection		Terminals		Cover		Pressure setting
1.1-3"Hg(15-41"H2O)±0.5"Hg						SPST-NC		Brass		1/8NPT		1/4 Blade		None		20"Hg
4-8"Hg±1"Hg						SPST-NO		Plated steel		1/4NPT		#8-32 Scerws		Cover A		
9-17"Hg±2"Hg								Stainless steel		R1/8		Wire leads		Cover B		
18-22"Hg±3"Hg										R1/4						
										G1/8						
										G1/4						

Specifications

Model	PF20-V
Media	Air
Pressure set point	Factory set from 1.1 to 22 in/Hg Vacuum
Max operating pressure	30 in/Hg Vacuum
Burst pressure	150 psi
Opeating temperature range	-40℃ to +120℃
Switch type	Direct action, blade contact
Electric rating	Resistive:15AMP-6VDC, 8AMP-12VDC, 4AMP-24VDC
	Inductive:1AMP-120VAC, 0.5AMP-240VAC
Contact arrangement	SPST-NO, NC
Terminal	#8-32 Screws, 1/4" Blade, Metri-Pack
Connection	1/8"NPT Male, 1/4"NPT Male, G1/8" Male, G1/4" Male
Material	Contact: silver alloy, gold plated; Base: plated steel; Cover: glass reinforced polyester; Diaphragm: fluorosilicone elastomer
Options	Various base connector sizes, wire leads (Potted & sealed)

Conversion: 1kgf/cm²=14.2psi 1bar=14.5psi 1 in/Hg=0.49psi