

Pressure Switch

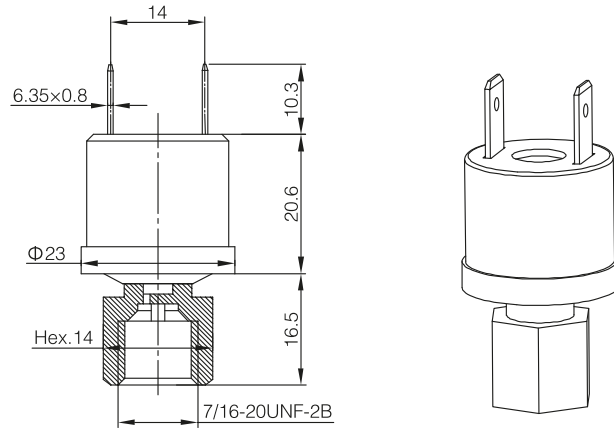
T1030
T1050
T1700
T1800
T2000W
PF08
PF08A
PF08V
PF20
PF20-V
PF25
PF26
PF37
PF701B
PF702
PF702A
PF702B
PF703A
PF704
PF704A
PF705
PF705A
PF705B
PF706
PF706A
PFDS10
PFDS63



Product details

1. The PF08 switches are fixed set point, factory calibrated pressure switches.
2. It is automatic reset, and can be normally open or normally close contacts.
3. All metallic wetted components make the PF08 switch compatible with a multitude of chemicals in liquid or gas form.
4. It is offered numerous types of electrical terminations from different size and style push on terminals to wire leads with an array of standard industry connectors.
5. In house machining capabilities allows Dg-pnetic to offer a wide variety of pressure fitting from different thread types and sizes to units with internal deflator and copper tubing for sawing operations.

Dimensions



Typical application

1. Air conditioning units (Residential, commercial and automotive)
2. Refrigeration
3. CO2 Air conditioning, CO2 refrigeration
4. Heat pumps
5. High pressure cut off, low pressure cut off
6. Air brakes (Trucks and commercial equipment)
7. Fuel pressure monitoring
8. Engine controls
9. Agricultural equipment
10. Industrial controls
11. Marine engine / equipment

Ordering code

PF08	A	B	C	D	145-175psi
	Circuitry	Base material	Connection	Electrical connections	Pressure setting
	SPST-NC	Brass	1/8NPT	6.35x0.8	145psi Reset pressure
	SPST-NO	Plated steel	1/4NPT	4.8x0.8	175psi Action pressure
	SPDT		R1/8	18AWG Wire leads	
			R1/4		
			G1/8		
			G1/4		
			1/4 Copper tube		
			7/16UNF Male		
			7/16UNF Female		
			7/16UNF Female with deflector		

Specifications

Model	PF08		
Media	Air, Water, Motor oils, Transmission oils, Hydrocarbon media, Refrigeration fluid		
Pressure range/ Tolerance/ Proof pressure	Pressure range	Tolerance	Proof pressure
	0.2~6bar (low pressure)	±0.5bar	15bar
	6~10bar	±0.7bar	35bar
	11~20bar	±1bar	45bar
	21~30bar	±1.5bar	
	31~45bar	±1.5bar	
Operating temperature range	Environment temperature: low pressure: -30~65°C, High pressure: -35~120°C;		
Switch type	SPST (NC OR NO); SPDT		
Electric rating	120/240Vac 375VA		
Endurance	100000		
Connection	Please see the selection table (Customizable)		
Electrical connections	6.35x0.8; 4.8x0.8; Wire connection (Can be customized length and electrical plug)		

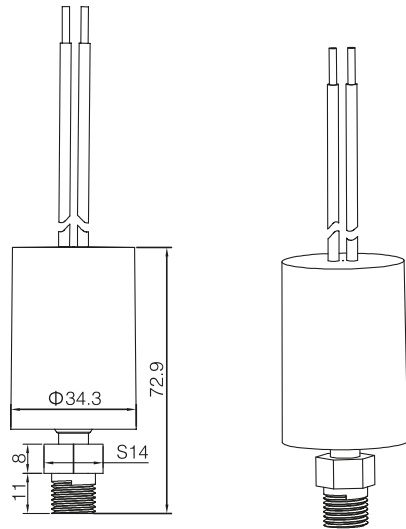
Conversion: 1bar=14.5psi, 1MPa=10bar



Product details

- 1. PF08A is an overloaded pressure switch, the maximum pressure can be up to 750 PSI and the maximum rated current can be 25A.
- 2. The contact arrangement can be normal close or normal open.
- 3. It can be used in the refrigerating unit, all kinds of air conditioner, air compressor, oil pump and other commercial equipment which need the protection of the pressure system by adjusting the fluid pressure automatically.

Dimensions



Ordering code

PF08A	-	A		B		C		D	-	145-175psi
		Circuitry		Base material		Connection		Electrical connections		Pressure setting
		SPST-NC		Brass		1/8NPT		6.35×0.8		145psi
		SPST-NO		Plated steel		1/4NPT		16AWG Wire leads		Reset pressure
		SPDT				R1/8		14AWG Wire leads		175psi
						R1/4				Action pressure
						G1/8				
						G1/4				
						1/4 Copper tube				
						7/16UNF Male				
						7/16UNF Female				
						7/16UNF Female with deflector				

Specifications

Model	PF08A		
Media	Air, Water, Refrigerant, Oils, Lubricant, and another similar hydrocarbon		
Pressure range/ Tolerance/ Proof pressure	Pressure range	Tolerance	Proof pressure
	0.2~6bar (low pressure)	±0.5bar	15bar
	6~10bar	±0.7bar	35bar
	11~20bar	±1bar	45bar
	21~30bar	±1.5bar	
	31~45bar	±1.5bar	
Burst pressure	5000psi		
Operating temperature range	Environment temperature: Low pressure: -30~65℃, High pressure: -35~120℃; Medium temperature: -50~120℃;		
Switch type	SPST (NC OR NO); SPDT		
Electric rating	120VAC, 13FLA, 65LRA; 240VAC, 10FLA, 45LRA; 480VAC, 4FLA, 24LRA		
	120/240VAC, 480/720VA; 28VDC, 15AMP; 24VAC, 125VA		
Service life	100000		
Pressure interface	Please see the selection table (Customizable)		
Electrical connections	6.35×0.8; Wire connection (Can be customized length and electrical plug)		

Conversion: 1bar=14.5psi, 1MPa=10bar

Pressure
Switch

T1030

T1050

T1700

T1800

T2000W

PF08

PF08A

PF08V

PF20

PF20-V

PF25

PF26

PF37

PF701B

PF702

PF702A

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PF703A

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PFDS63