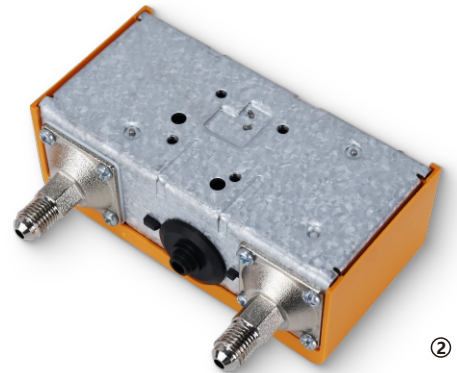


# PRESSURE SWITCH MODEL PS32



1)PS32 front view    2)PS32 thread view    3)PS32 adjusting screw view

PS32 pressure switch is an automatic control device that receives pressure signals and actuates. It is usually used to control the start and stop of compressors and fans in refrigeration systems. It can also be used in water pumps, fire protection, boilers, hydraulics, ironing and other devices as a safety protection.

## Features

- Suitable for refrigeration systems
- Manual and automatic reset functions
- Adjustable pressure and differential pressure
- Design of Double Head Pressure Switch

## Technical parameter

### General

#### Basic information

Process connection	G1/4 male, 1/4SAE male
	The threads can be customized
Cable diameter	6-14mm
Tests/Admissions	UL508

#### Electrical overview

Switching load	FL8A/LR48A at 240VAC
	FL16A/LR96A at 120VAC
Dielectric strength	2000V/one minute without breakdown

#### Installation arrangement

Installation torque	2N*M
Factory set	Vertical, pressure connections facing downwards

### Operating conditions

Medium	R22,R134a,R404A,air,liquid,etc
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#### Temperature

Medium: -40...+120°C [-40...+248°F]

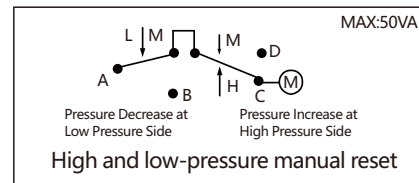
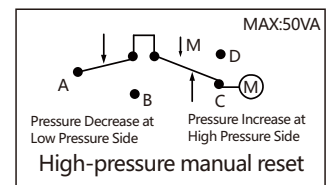
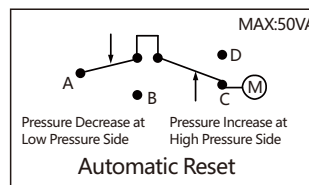
Ambient: -20...+65°C [-4...+149°F]

#### IP grade

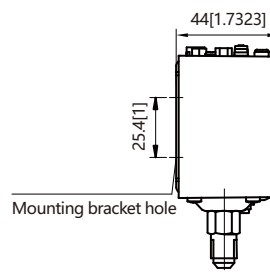
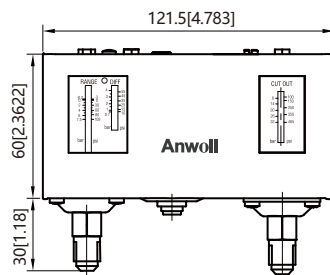
IP20, IP30 (with bracket and cover),

IP44 (with bracket, cover, and cap)

### Contact version



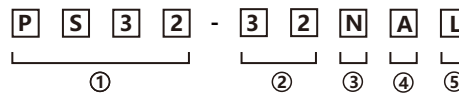
### Dimensions in mm(in)



### Ordering information

#### Example part number: PS32-32NAL

Model PS32 pressure switch, low-pressure side (pressure range: -0.2...7.5bar, differential pressure range: 0.7...4bar, maximum working: 17bar), high-pressure side (pressure range: 8...32bar, differential pressure range: fixed 4bar, maximum working: 35bar); reset method: auto reset; process connection: 1/4sae male; bracket: L type.



Name PS32	Model	Low-Pressure Side			Reset Method		Process Connection			Bracket	
		Pressure Range	Differential Pressure Range	Maximum Working	N	Auto reset	A	1/4SAE male	N	Without bracket	
	32	-0.2...7.5bar	0.7...4bar	17bar	HM	High-pressure manual reset	B	G1/4 male	P	Flat type	
	45	2...12bar	1...5bar	17bar	HLM	High and low-pressure manual reset	H	M12*1.25 male	L	L type	
							I	Welded copper pipe	U	U type	
		High-Pressure Side									
	32	8...32bar	fixed 4bar	35bar							
	45	8...45bar	fixed 7bar	48bar							

1bar=100kPa=0.1MPa=14.5psi

Please make separate remarks for special requirements.