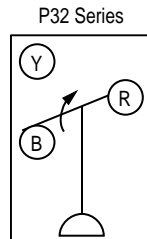


P32 Series

# Sensitive Pressure Switch



P32AC-2



Action on Increase  
of Temperature

## Description

This differential pressure switch is used to sense air flow in ducts.

## Applications

- air flow proving with electric duct heaters, humidifiers, and other equipment
- maximum air flow control for variable volume systems
- reheat duct powered systems
- clogged filter detection
- detection of icing of air conditioning coils and initiation of defrost cycle

## Features

- easy-to-read set point scale
- versatile mounting options
- sensitive pressure settings attainable
- dust-tight snap switch

## Accessories

- the switch can be mounted directly or with the supplied mounting bracket

## To Order

Specify the code number from the following selection chart.





## Accessories

Code Number	Description
FTG18A-600R	Remote Mounting Kit: 4 in. flanged sensing tube, two barbed fittings, two No. 10 screws, and a gasket

## Electrical Ratings

Motor Ratings VAC	120	208	240
Type P32AC (Standard Differential, 1/2 hp)			
AC Full Load Amp	9.8	5.65	4.9
AC Locked Rotor Amp	58.8	33.9	29.4
Non-Inductive or Resistive Load	10 amp 24 to 277 VAC		
Pilot Duty – 125 VA, 24 VAC; 360 VA, 120 to 277 VAC			
Type P32AF (Close Differential, 1/4 hp)			
AC Full Load Amp	5.8	3.3	2.9
AC Locked Rotor Amp	34.8	19.8	17.4
Non-Inductive or Resistive Load	10 amp, 24 to 277 VAC		
Pilot Duty – 125 VA, 24 VAC; 360 VA, 120 to 277 VAC			

## Selection Chart

Code Number	Ambient Temperature Min./Max.	Connector	Maximum Over-pressure psig (kPa) <sup>(a)</sup>	Contact Action	Range WG (kPa)	Sensitivity at Min. Set point WG (kPa)	Set point	Scale Plate	Mounting Bracket						
P32AC-1C	-40°F (-40°C) min. 167°F (75°C) max.	High Pressure connectors are metal 1/8 in. female NPT inside, 1/2 in. NPSM outside for mounting	1 (6.895)	SPDT	0.15 to 12 (0.037 to 2.99)	0.07 (0.017)	Adjustable	Yes	L						
P32AC-2C <sup>(b)</sup>					0.05 to 5 (0.012 to 1.24)	0.04 (0.01)			U						
P32AF-1C		Low Pressure connectors are molded, 1/8 in. female NPT				0.025 (0.006)			L						
P32AF-2C <sup>(b)</sup>									U						

(a) Maximum overpressure at either connection

(b) Supplied with 1/4 in. compression fitting, 4 in. extension tube, two mounting screws, and "O" gasket (angle barbed fitting installed)