

P232

Sensitive Differential

This switch senses a change in the differential pressure (either velocity pressure or pressure drop across a restriction) as the air flow changes. The pressure, as sensed by two sensing ports, is applied to the two sides of a diaphragm in the control. The spring loaded diaphragm moves and actuates the switch.

The series P232 can also be used to detect small positive gauge pressure by using only the high pressure connection and leaving the low pressure connector open, or to detect a vacuum by using only the low pressure connection and leaving the high pressure connector open to ambient pressure.

Features

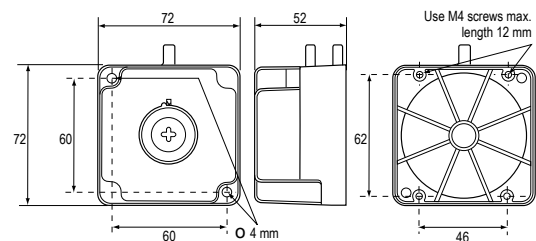
- Easy to read Setpoint scale
- Wide range (1 to 125 mm W.C.)
- Small differential (1 mm W.C.) at bottom of range
- Large wiring space
- Versatile mounting options

Application

- This (differential) pressure switch is used to sense flow of air, single or differential air pressure

Typical applications include:

- Clogged filter detection
- Detection of frost on air conditioning coils and initiation of defrost cycle
- Air proving in heating or ventilation ducts
- Maximum air flow controller for variable air volume system



Dimensions in mm

Ordering Codes	Switch point Range (in. wc)	Switching Differential (in. wc)	Pack
P232A-B-AAC	0,2 to 1,6	< 0.1	ind.