

P233

Sensitive Differential

This switch senses a change in the (differential) pressure as the airflow changes. The (differential) pressure is applied to the two sides of a diaphragm in the control.

The spring-loaded diaphragm moves and actuates the switch. The series P233A/F can also be used to detect small positive gauge pressure or to detect a vacuum.

Features

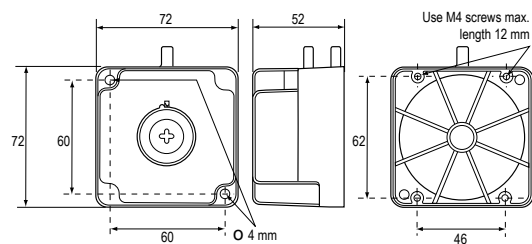
- One switch to measure relative pressure, vacuum or differential pressure
- Various accessories available
- Compact and durable construction
- Easy mounting and wiring, various mounting possibilities
- Standard PG 11 nipple and optional DIN 43650 connector
- Accurate and stable switch point
- SPDT contact standard

Application

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

Typical applications include:

- Detect clogged filter
- Detect frost or ice build-up on air conditioning coils
- Air proving in heating or ventilation ducts
- Maximum airflow controller for variable air volume system
- Detect blocked flue or vent
- Monitor fan operation



Dimensions in mm

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Ordering Codes	Switch point Range (mbar)	Switching Differential (mbar) **	Contacts	Pack	Additional Features		
P233F-P3-AAC	0,3 fixed	< 0.3	SPDT contacts, Contact rating 5(2) A 250 VAC	ind.	---		
P233A-4-AAC	0,5 to 4			---			
P233A-4-AAD*				bulk	---		
P233A-4-AHC				ind.	GMT008N600R + BKT024N001R		
P233A-4-PAD*	50 to 400 Pa			bulk	Scale in Pa		
P233A-4-PAC				ind.	---		
P233A-4-PHC					Scale in Pa, GMT008N600R + BKT024N001R		
P233A-4-PKC					Scale in Pa, FTG015N602R (2x) + 2 m tube 4/7 mm		
P233A-4-AKC	0,5 to 4			< 0.5	SPDT contacts, Contact rating 5(2) A 250 VAC	ind.	FTG015N602R (2x) + 2 m tube 4/7 mm
P233A-6-AAC	0,5 to 6					ind.	---
P233A-6-AAD*		bulk	---				
P233A-10-AAC	1,4 to 10	ind.	---				
P233A-10-AHC			GMT008N600R + BKT024N001R				
P233A-10-PAC			---				
P233A-10-PKC	140 to 1000 Pa	ind.	Scale in Pa, FTG015N602R (2x) + 2 m tube 4/7 mm				
P233A-10-AAD*			bulk			---	
P233-10-AKC	1,4 to 10	< 1	Ind.			FTG015N602R (2x) + 2 m tube 4/7 mm	
P233A-50-AAC	6 to 50					Scale in Pa, GMT008N600R + BKT024N001R	
P233A-10-PHC	140 to 1000 Pa			< 0,5	Scale in Pa, GMT008N600R + BKT024N001R		

Notes

* : Quantity orders only

** : Switching differential is maximum value mid-range