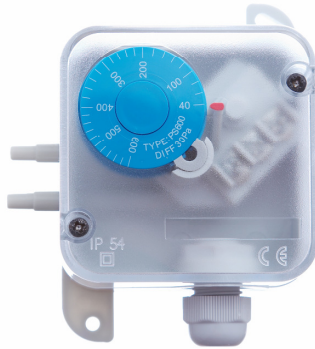


## DIFFERENTIAL PRESSURE SWITCHES MODEL PS



### Model summary

Model code	Pressure range	Switching difference	Accuracy of switching point Low limit typ.	Accuracy of switching point High limit typ.	Electrical rating resistive load	Electrical rating inductive load
-5A for 5A microswitch						
PS200	20...200 Pa	10 Pa	20Pa $\pm$ 5 Pa	200Pa $\pm$ 20Pa	0,1A / 250VAC	-
PS300 (-5A)	30...300 Pa	20 Pa	30Pa $\pm$ 5 Pa	300Pa $\pm$ 30Pa	3A / 250VAC *)	2A / 250VAC
PS500 (-5A)	30...500 Pa	20 Pa	30Pa $\pm$ 5 Pa	500Pa $\pm$ 30Pa	3A / 250VAC *)	2A / 250VAC
PS600 (-5A)	40...600 Pa	30 Pa	40Pa $\pm$ 5 Pa	600Pa $\pm$ 30Pa	3A / 250VAC *)	2A / 250VAC
PS1500 (-5A)	100...1500 Pa	80 Pa	100Pa $\pm$ 10Pa	1500Pa $\pm$ 50Pa	3A / 250VAC *)	2A / 250VAC
PS4500	500...4500 Pa	180 Pa	500Pa $\pm$ 50Pa	4500Pa $\pm$ 200Pa	5A / 250VAC	2A / 250VAC

\*) 5A / 125VAC with 5A micro switch

### Accessories

Standard accessories:

- 2 fixing screws
- 2 plastic duct connectors
- 2 m tube  $\varnothing$  4 / 7 mm

Optional accessories:

- metallic duct connectors

## Technical data

### Materials

Housing	ABS
Cover	PC
Membrane	silicone
Duct connectors	ABS
Tubing	PVC, soft

### Connections

Electrical connections	3 screw terminals
Cable entry	M16
Pressure connections	Male $\varnothing$ 5 mm

### Weight

150 grams (350 grams with accessories)

### Ambient and operation conditions

Operation temperature	-20...+60°C
Storage temperature	-40...+85°C

**Maximum pressure** 50 kPa

**Admissible media** Air and non-aggressive gases

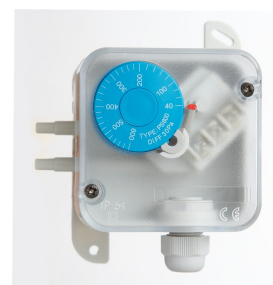
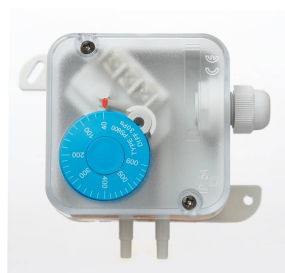
**Service life** > 1 000 000 switching operations

### Safety

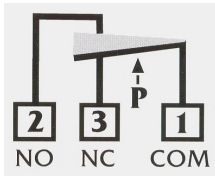
IP Protection standard	IP54
Conformity	Meets the requirements for CE marking: EMC directive 89/336/EEC Rohs Directive 2002/95/EY Low voltage 73/32/EEC

## Mounting position

To be installed vertical position, either the pressure inlets or the electrical cable downwards.



## Connection terminals



When differential pressure increases:

1 – 3 open

1 – 2 close

## Dimensions

