

PSW DIFFERENTIAL PRESSURE SWITCHES

For several pressure ranges



CHARACTERISTICS

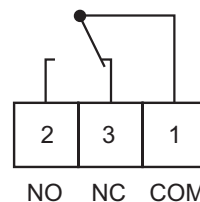
- Easy to install with outside mounting brackets
- Complete delivered with tube, screws and duct connectors

MOUNTING POSITION

The pressure switch is factory-calibrated in the vertical position. If installed horizontally, this will affect the switching point as follows:

- with cover facing upwards, switching point is 15 Pa higher than scale.
- with cover facing downwards, switching point is 15 Pa lower than scale.

WIRING DIAGRAM



If the differential pressure is higher than set value, the relay contacts changes to 1 – 2

TECHNICAL DATA

Maximum pressure:	50 kPa
Operating current/voltage	
PSW-200:	0,1 A / 250 VAC (PSW-200)
PSW-300:	3 A (2A inductive) / 250 VAC
PSW-600:	3 A (2A inductive) / 250 VAC
PSW-1500:	3 A (2A inductive) / 250 VAC
Admissible media:	Air and non-aggressive gases
Cabel entry:	1 x PG9
Pressure connections:	2 x Ø 5 mm
Operating temp.:	-20 to +60°C
Storage temp.:	-40 to +85°C
Service life:	> 1 000 000 switching operations
Protection:	IP54
Material	
Housing:	ABS
Cover:	PC
Membrane:	Silikon
Duct connectors:	ABS
Tubing:	PVC, soft
Weight:	150 g (350 g with accessories)
Dimensions (W x H x D):	73 x 105 x 63 mm
Approval:	CE according to EC directive for low voltage 73/32/EEC

ORDER EXAMPLE

Item code	Pressure range	Switching differential
PSW-200	20-200 Pa	10 Pa
PSW-300	30-300 Pa	20 Pa
PSW-600	40-600 Pa	30 Pa
PSW-1500	100-1500 Pa	80 Pa

ACCESSORIES

- 2 fixing screws
- 2 plastic duct connectors
- 2 m tube Ø 4 / 7 mm

DIMENSIONS

(mm)

