

Air Differential Pressure Switches with on/off Output

Features

- On/off output
- Electrical rating 250 VAC
- Switching pressure to be adjusted easy on a scaled adjustment knob
- Static, over, underpressure and vacuum

Ordering

Type no.	Adjustment range	Switching differential
PSN 30-300A	30-300Pa	15Pa
PSN 40-400A	40-400Pa	20Pa



Technical Data

Output: on/off

Max. operating pressure: 5 kPa

Medium: Air, non-combustible and non-aggressive gases

Operating temp. range: - 40°C to +85°C

Pressure connections: 2 plastic pipe connection pieces (P1 and P2);

external diameter 6.0 mm: P1 for connection to higher pressure (marked +);

P2 for connection to lower pressure (marked -)

Mounting position: Diaphragm in any vertical plane

Contact arrangement: SPDT

Tolerances: 15%

Weight: 152g for the switch only; 260g for switch with duct fixing kit packed into a carton

Electrical rating: • Resistance: initial < 400 milliohms

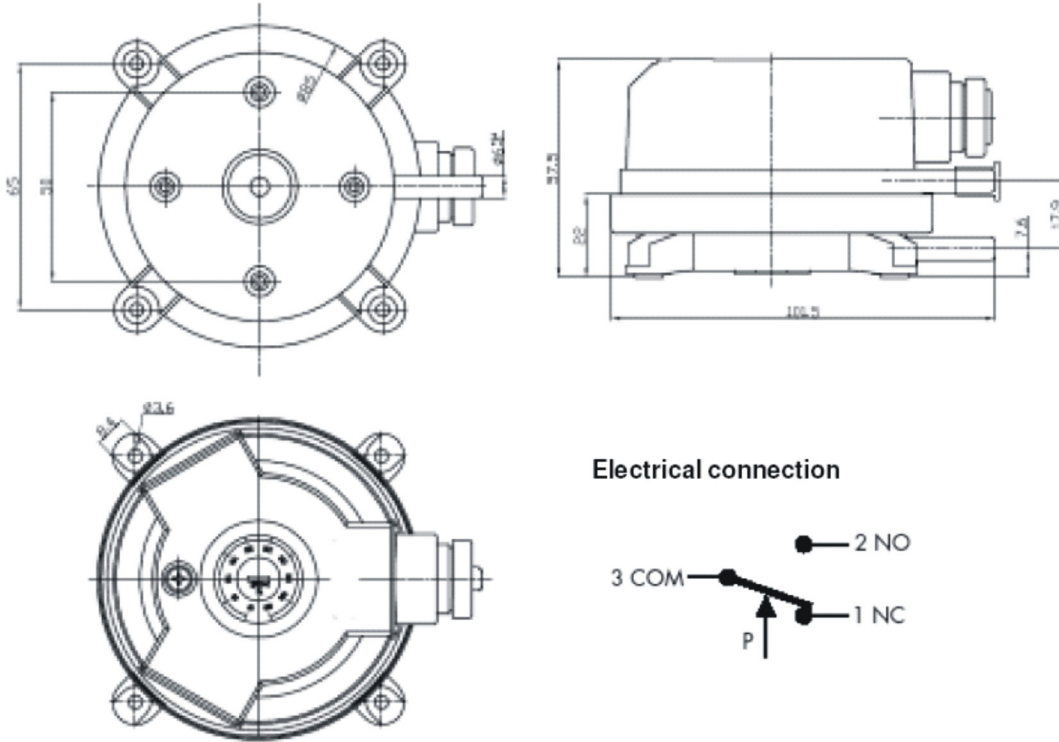
• Current: 1.5 A (0.4 A) / 250 V

Protection: IP 54

Approvals: CE approved

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Dimensions & Electrical Connection



Packaging & Duct Mounting Kit



All components are packaged in a nice plain white box for private labelling.



The duct mounting kit includes everything you need: 2 static pressure takeoff tubes made from sturdy flame retardant ABS, 2 meters of clear pvc tubing and 4 screws.