

Operating instructions

Pressure switch / Differential pressure switch

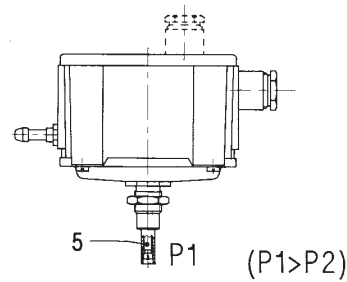
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Attention

- Do not change adjustment of switches adjusted in the factory.
- Obtain largest and smallest adjustment differences between upper and lower switching points from the diagram.

For settings beyond the prescribed Δp -values (diagram) the connections 3-2 can be short-circuited which will create an inadmissible operating condition.

- Do not change adjustment of screw 5.
- Adjust upper and lower switching points with the main adjusting screw (1).
- With differential pressure: Connection 4 = P2.



Installation

Can be installed in any position. Adjust switching points in installed position. With switching points adjusted in the factory observe specified installation position.

Adjustment of switching points

Screw 1:

For the higher switching point (higher pressure) turn in direction plus \oplus for higher switching points!

Allow pressure to increase slowly until the higher switching point switches. Decrease pressure slowly until the lower switching point switches. Repeat this cycle by adjusting screw 1 until the higher switching point is set.

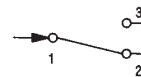
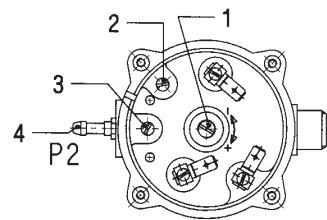
Screw 2:

(Set first the higher switching point with screw 1 !)

For the lower switching point (lower pressure respectively switching difference) cycle as above, turn clockwise. The switching difference gets larger (lower switching point gets lower).

Screw 3: do not adjust !

(If necessary repeat adjustment with screw 1 and then screw 2)



- 1) Supply cable
- 2) Closed circuit contact
- 3) Open circuit contact

After setting!

Varnish screw 1 and 2

For differential pressure switch varnish screw 1 air-tight

(Pressure switches do not necessarily have to be varnish air-tight)

Example of reading measurement values

- 1 Enter upper switching point, e.g. 3 mbar.
- 2 Read the available, adjustable switching difference (in the example 0,85 – 1,85 mbar).

