

# Operating instructions Pressure switch

# 620 / 625

## 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  $\Delta p$ -values (diagram) the connections 3-2 can be short-circuited which will create an inadmissible operating condition.

- Do not change adjustment of screws secured with varnish (a).
- Do not change adjustment of or unscrew screw (2) with force (max. allowable torque: 0.1 Nm).
- Adjust upper and lower switching points with the main adjusting screw (1).

## Installation

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

## Adjustment of switching points

### For pressure (620/625)

**Screw 1:** For the lower switching point (lower pressure) adjust higher in clockwise direction. To adjust lower turn counter-clockwise.

Allow pressure to rise slowly until the switch operates (observe maximum pressure limit).

Allow pressure to decrease slowly and adjust lower switching point with main adjusting screw (1). Increase pressure slowly and measure upper switching point.

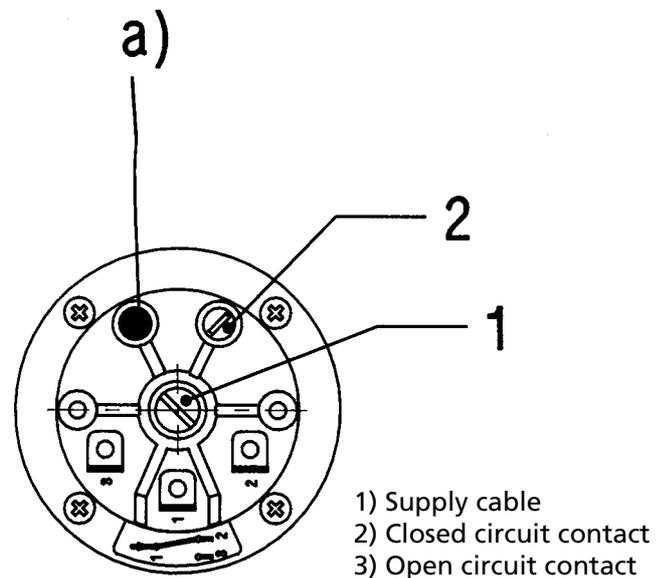
If the upper switching point is too high (switching difference too large) turn adjusting screw (2) clockwise until the desired upper switching point is adjusted.

If the upper switching point is too low, turn adjusting screw (2) counter-clockwise until the desired upper switching point is adjusted.

ter-clockwise until the desired upper switching point is adjusted. By raising and lowering the pressure several times check the upper and lower switching points and correct adjustment if necessary.

## After adjustment

Secure all adjusting screws (1, 2) with varnish.



## Example of reading measurement values

1 Enter upper switching point, e.g. 6 mbar.

2 Read the available, adjustable switching difference (in the example 1,4 – 4,4 mbar).

