

DIRECTIONS FOR USE



**KS 500 HC2
AIR DIFFERENTIAL
SWITCH**



Caution !

Read these operating instructions carefully prior to the installation of the pressure switch. The warranty shall be void in the event of damages due to the non-compliance to these instructions, improper operation or use of the switch for purposes for which it is not intended. We shall not be held liable for any resulting damages. The switch should be installed and removed by qualified technicians only.

The applicable certified national safety regulations for the operation of pressure measuring devices shall be observed.

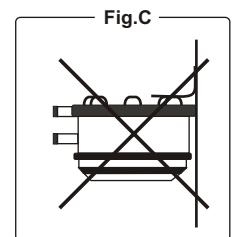
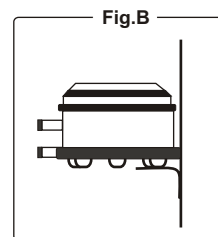
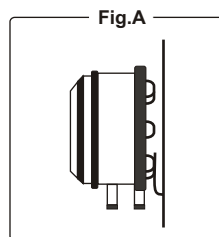
In the installed condition the respective device-specific requirements on the type of protection must be fulfilled.

INSTALLATION

FIG.A : Recommended installation : vertical arrangement (factory calibration).

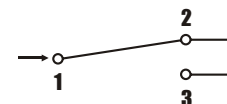
FIG.B : Horizontal installation arrangement, electrical connections upward. Actual switching points are 11 Pa higher than the pre-set adjustment.

FIG.C : Installation not recommended.



Caution !

With the safety cover removed, beware of electrocution hazard, since terminals 1, 2 and 3 may have main power voltage !



SETTING OF UPPER / LOWER SWITCHING POINT

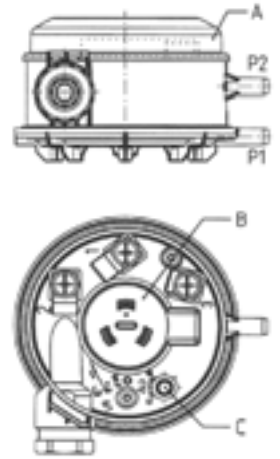
- No adjustment is possible when dial (B) and screw (C) are set in adjusted and paint-sealed in the factory.

- Screw (C) is factory set and sealed. It shall not be changed.

Adjust upper and lower switching points with dial (B). The upper and lower switching point is to be set by adjusting dial (B) with a screwdriver at the desired value. The lower switching point corresponds to the upper less the differential value.

Check the upper and lower switching points by raising and lowering the pressure several times. Observe the switching points and make the necessary adjustments.

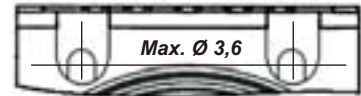
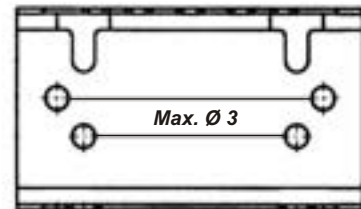
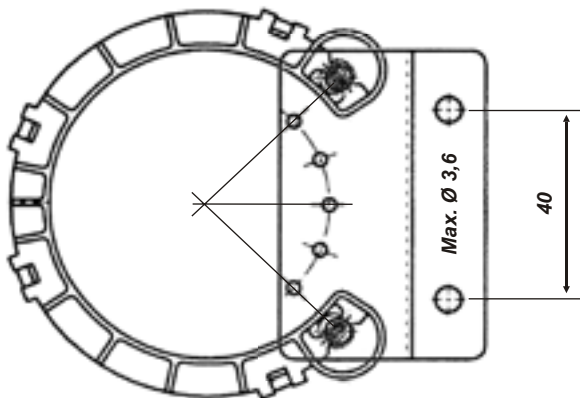
- In case of vacuum : connect P2 instead of P1. Adjustment is identical.



Caution !

Adjust switch within printed-on scale only !

ANGLE BRACKET



CONNECTION



483 quick connexion

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