



Adjustment of the Switch Point:

For the switch point adjustment the mechanical pressure switch has to be pressurised. We recommend using compressed air up to 16 bar and water or oil* up to 400 bar (*not for pressure switches with EPDM)

For the reference point measurement, a mechanical gauge, digital gauge or pressure transducer with display can be used.

1. Connect the switch to the switching status indicator (e.g. a multimeter placed across either pins 1&3 or 2&3 to indicate switching point).
For your own safety: Make sure that the switch is isolated from electrical connection while adjusting!
2. First raise the pressure over the switch-point and release the pressure afterwards.
3. Adjust the switch point using the supplied 2mm allen key. By turning clockwise the switch point is raised, by turning anti-clockwise the switch point is decreased.
4. This should be done with small adjustments, less than a quarter turn per test until you can fine tune your set point.
5. After each turning repeat step 3 until reaching the requested switch point.
6. Repeat this step until the switch-point remains stable within the repeatability.

The switch has the best performance and durability when the switch point is in the middle of the adjustment range.

Adjustment of Hysteresis:

The hysteresis is set via a 2.5 x 0.4 flathead screw driver. By turning carefully clockwise the hysteresis is raised, by turning anti-clockwise the hysteresis is decreased.

Please note;

1. Hysteresis adjustment is more sensitive than set point adjustment, and should be adjusted gradually.
2. The hysteresis is not adjustable over the whole adjustment range.
3. Being a mechanical switch, if the hysteresis is adjusted, the user may then need to go back and check/adjust the set point

Wrong handling can destroy the pressure switch!

Due to overturning the hysteresis screw, switching may no longer be possible (contacts too far or too close together) or when excessive force is applied, the contacts may break and the switch is destroyed.

For protection of the adjustment screw against self-movement or adjustment by mistake, you should glue the adjustment screw after adjustment.

