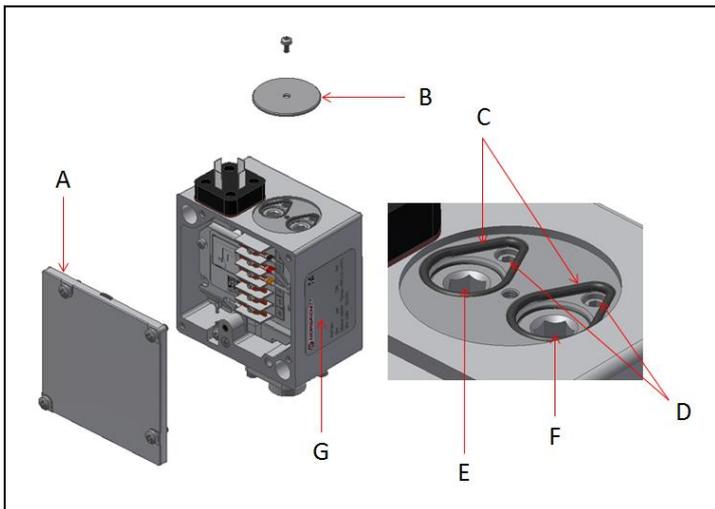



CAUTION

Switch off all power before servicing this equipment.

Only skilled or trained persons should carry out the following operations.

Do not mount switch to a pipe without additional support.



Mounting: The pressure switch is mounted from the front – the two mounting holes being exposed by removal of the enclosure cover plate (A).

Two mounting screws (M6 or 1/4) will be required for a firm attachment to any smooth, flat surface.

Wiring: For conduit entry units connect the wires as the wiring diagram on the inside of the enclosure.

Setting: For none pre-set unit or should any adjustment be required, this can be achieved as follows:

Remove cover plate (B) for access to adjusting screws, loosen locking screws (D), turn screw anti-clockwise using 2mm socket wrench.

Falling Pressure: Adjustment of the operating point is made via range screw (E); turn the screw clockwise to increase the pressure setting, anti-clockwise to decrease the pressure setting. Use 6mm socket wrench to make setting adjustments. Always set this first. Adjusting the range setting will also affect the rising pressure set point.

Rising Pressure: Adjustment of the operating point is made via differential screw (F); turn the screw clockwise to increase the pressure setting, anti-clockwise to decrease the pressure setting. Use 6mm socket wrench to make setting adjustments. Adjusting the differential will only affect the operating point of the rising pressure.

When the falling and rising pressure has been adjusted tighten the locking screws (D) clockwise. Re-fit cover plate (B), ensuring seals (C) are correctly located. Pressure settings can be noted on the product label (G).

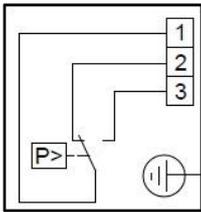
Pneumatic Connection: G1/4 & G1/4 NPT

Electrical Connection: 4 pin DIN 43650 form A, 7 pin DIN 43651 & Conduit M20 x 1.5mm

Wiring Diagrams:

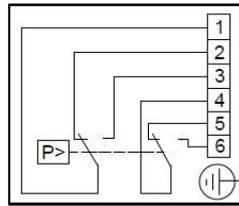
Z type contacts must have the same polarity

Type C: SPDT



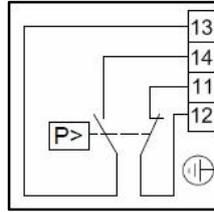
Single pole changeover contact elements with 3 terminals.

Type C: DPDT



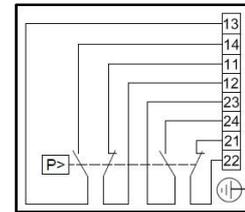
Double pole changeover contact element with 6 terminals.

Type Z: SPDT



Two-circuit double break changeover contact element with 4 terminals.

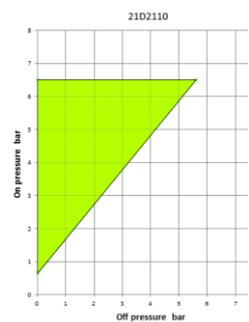
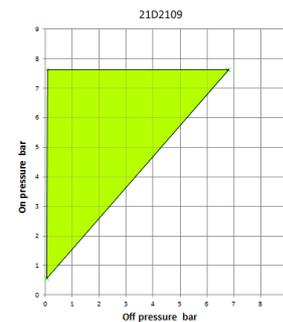
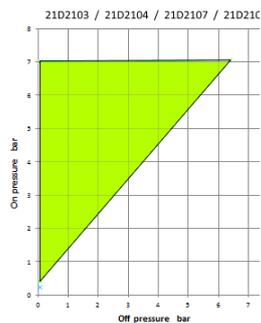
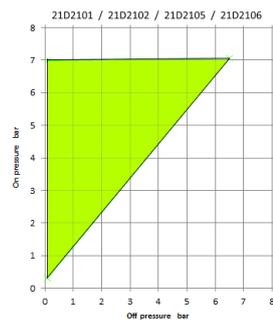
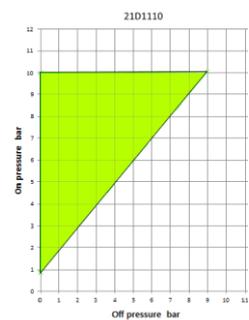
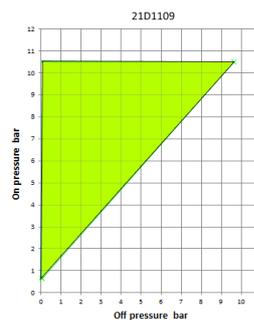
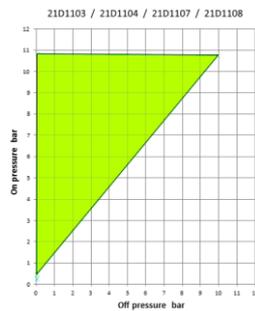
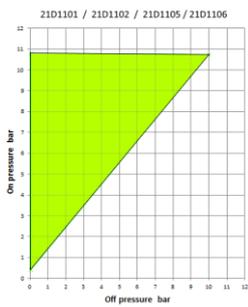
Type Z: DPDT



Four-circuit double break changeover contact element with 8 terminals.

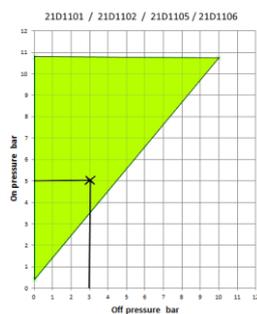
Switch terminals provide for a normally closed circuit as supplied. Contacts open on rising pressure and close on falling pressure.

Switching Pressure Diagrams: Pressure settings must fall within shaded area. As show on graphs.



Example:

5 bar ON - 3 bar OFF



8 bar ON - 7.5 bar OFF

