

THE PNEUMATIC SWITCH

The design combines two separate units into a single control.

The sensing unit is the well tried, job proven SIRCO™ Control, replacing the electric switching element with a Pneumatic Output.

Main application areas:

- Hazardous (being absolutely explosion proof).
- Direct actuation of valve motors (without the use of solenoids or pilot valves).
- Control system simplification (with consequent decrease in original and maintenance costs).

The valves furnish a positive pneumatic on / off signal.

NOTE:

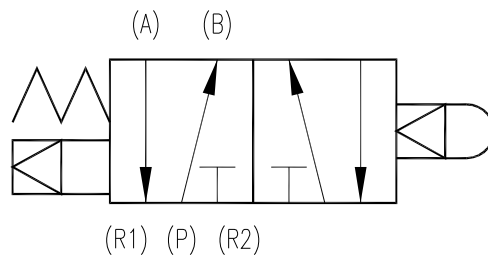
Controls fitted with PV Pneumatic Valves, can only be supplied with a Fixed Differential.

Differentials are 5 x the larger of the two offered on a particular range, or 10 x when only one differential is offered.



PV Pneumatic Valve fitted to 2001W Pressure Switch

The valve described above can be supplied fitted to any model of the series 2000 pressure, vacuum and temperature controls.



CONNECTION DETAILS:

Air must be fed into port 'P' at all times as this also feeds the Internal Pilot.

When the Valve is in the 'un-operated' position air will flow from port 'B'.
Port 'A' will be vented through port 'R1'.

When the Valve is operated air will flow from port 'A' and port 'B' will be vented through port 'R2'.

Notes:

- a) A pilot air supply of 1.5 to 7 Bar must be connected to port 'P'.
- b) Main Port connections are 5 x 1/8" BSP (standard)
- c) Pilot Exhaust connection is M5 x 0.8
- d) Pressure of between 0 and 7 Bar can be switched by the PV Pneumatic Valve

