## MODELS:

| 2004 | Single Switch, | Differential Non-Adjustable |
| :--- | :--- | :--- |
| 204 | Single Switch, | Differential Adjustable |
| 2005 | Two Switch, | Differential Non-Adjustable |
| 205 | Two Switch, | Differential Adjustable <br> on 1 |
|  |  | Switch Only |

All models are available as either Pressure or Vacuum sensitive switches and cover the range -5 mbar to +2.8 Barg in a group of 5 basic models.

Controls can be supplied with varying degrees of protection, and with various approvals for use in Explosion-proof/Flameproof areas. (Refer to list for options). More detailed information on these approvals can be found in the relevant sections of this catalogue.

Models falling within the range 0 to 1 Barg can be supplied as Vacuum switches (see code guide).

Materials used in the manufacture of sensing units and pressure chambers are according to customer requirements and operational application.

All switches are fitted with a mounting bracket as Standard (except Flanged Controls).
All switches are available with internal or external set point adjustment (External Adjustment is Standard).

For accuracy class and zone refer to leaflet 03/09.

| PRESSURE AND VACUUM OPERATED CONTROLS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OPERATING RANGE | DIFFERENTIAL NON-ADJUSTABLE | BASIC MODEL CODE |  | PROOF PRESSURE | MAX WORKING PRESSURE | Higher Proof Pressures Available. Consult Factory. |
|  |  | RANGE CODE | SERIES <br> CODE |  |  |  |
| -5 to +68 mbarg | 1.2 or 3 mbar | 00 | 2004W - AO $\dagger$ | 2345 mbarg | 1804 mbarg |  |
| 25 to 200 mbarg | 1.2 or 3 mbar |  | 2004W - AO† | 2345 mbarg | 1804 mbarg | Re-calibration of Operating Range |
| 60 to 600 mbarg | 2.5 or 5 mbar |  | 2004W - AO† | 2345 mbarg | 1804 mbarg | may be required if Maximum |
| 130 to 1340 mbarg | 3.8 or 7.6 mbar |  | 2004W - AO $\dagger$ | 2345 mbarg | 1804 mbarg | Working Pressure exceeds 20\% above the top of the Operating |
| 0.35 to 2.8 Barg | 7.6 or 15 mbar | 4A - | 2004W - SO†† | 4.9 Barg | 3.77 Barg | Range. |
| DIFFERENTIAL ADJUSTABLE |  |  |  |  |  |  |
| -5 to +68 mbarg | 3 to 22 mbar | 00 | 204W - AO $\dagger$ | 2345 mbarg | 1804 mbarg | Proof Pressures over 4.2 Bar will have High Tensile Steel Grade |
| 25 to 200 mbarg | 3 to 60 mbar |  | 204W - AO $\dagger$ | 2345 mbarg | 1804 mbarg | 12.9 Screws, Plated. |
| 60 to 600 mbarg | 5 to 152 mbar |  | 204W - AO $\dagger$ | 2345 mbarg | 1804 mbarg |  |
| 130 to 1340 mbarg | 7.6 to 381 mbar |  | 204W - AO $\dagger$ | 2345 mbarg | 1804 mbarg | have Stainless Steel Screws |
| 0.35 to 2.8 Barg | 15 to 838 mbar | 4A - | 204W - SO†† | 4.9 Barg | 3.77 Barg | Grade A2/A4. |

Standard switches contain one single pole double throw microswitch.
Standard electrical rating 15 amps 400 vac.
Standard electrical entry M20 x 1.5 Int . through $360^{\circ}$.
$\dagger$ Standard construction Aluminium Pressure Chamber and Nitrile Rubber Diaphragm (M.W.T. 90 ${ }^{\circ} \mathrm{C}$ ) = AO
$\dagger \dagger$ Standard construction Stainless Steel Pressure Chamber and Nitrile Rubber Diaphragm (M.W.T. $90^{\circ} \mathrm{C}$ ) = SO.
$\dagger \dagger$ (Aluminium Pressure Chambers are not available on these models.)
For construction other than above refer to the $2^{\text {nd }}$ page of this leaflet for options and change code accordingly.


Terminal box, explosion-proof/flameproof enclosure, pneumatic valve fitted to surface ' A '
*This dimension will differ when pressure chamber material is from solid blank.


