## MODELS:

| 2001 | Single Switch, | Differential Non-Adjustable |
| :--- | :--- | :--- |
| 201 | Single Switcc, | Differential Adjustable |
| 2002 | Two Switch, | Differential Non-Adjustable |
| 202 | Two Switch, | Differential Adjustable |
|  |  | on 1 1 St Switch Only |

All models are available as either Pressure or Vacuum sensitive switches and cover the range -1 to +175 Barg in a group of 12 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 <br> RANGE SERIES <br> code code | PROOF PRESSURE | MAX WORKING PRESSURE |  |
| -1 to +5 Barg | 0.1 or 0.2 Bar | 00-2001W - AO $\dagger$ | 7.5 Barg | 5.8 Barg |  |
| -112 to +112 mbarg | 7.5 or 15 mbar | 00A - 2001W-AO $\dagger$ | 7.5 Barg | 5.8 Barg |  |
| 20 to 200 mbarg | 7.5 or 15 mbar | 2-2001W-AO $\dagger$ | 10.5 Barg | 8.07 Barg |  |
| 0.1 to 0.5 Barg | 0.02 or 0.04 Bar | $3-2001 \mathrm{~W}-\mathrm{AO} \dagger$ | 10.5 Barg | 8.07 Barg | Higher Proof Pressures Available. |
| 0.14 to 1.4 Barg | 0.02 or 0.04 Bar | 3A-2001W - AO $\dagger$ | 10.5 Barg | 8.07 Barg | Consult Factory. |
| 0.14 to 4.2 Barg | 0.04 or 0.07 Bar | 4-2001W - AO $\dagger$ | 10.5 Barg | 8.07 Barg |  |
| 0.35 to 7 Barg | 0.05 or 0.1 Bar | 5-2001W-AO $\dagger$ | 10.5 Barg | 8.07 Barg |  |
| 1.4 to 14 Barg | 0.1 or 0.2 Bar | $6-2001 \mathrm{~W}$ - SO† $\dagger$ | 52.5 Barg | 40.38 Barg |  |
| 2.1 to 21 Barg | 0.15 or 0.35 Bar | 7 - 2001W - SOt† | 52.5 Barg | 40.38 Barg | Re-calibration of Operating Range may be required if Maximum |
| 3.5 to 35 Barg | 0.35 or 0.7 Bar | 7A - 2001W - SO†† | 52.5 Barg | 40.38 Barg | Working Pressure exceeds 20\% |
| 7 to 100 Barg | 3 or 6 Bar | 8 - 2001W - ST $\dagger \dagger \dagger$ | 250 Barg | 192 Barg | above the top of the Operating Range. |
| 70 to 175 Barg | 5 or 10 Bar | 9-2001W - ST $\dagger \dagger \dagger$ | 250 Barg | 192 Barg | Range. |

DIFFERENTIAL ADJUSTABLE

| -1 to +5 Barg | 0.2 to 1.7 Barg | $00-201 \mathrm{~W}$ - AO $\dagger$ | 7.5 Barg | 5.8 Barg |
| :---: | :---: | :---: | :---: | :---: |
| -112 to +112 mbarg | 15 to 63 mbarg | 00A - 201W - AO $\dagger$ | 7.5 Barg | 5.8 Barg |
| 20 to 200 mbarg | 15 to 60 mbarg | $2-201 \mathrm{~W}$ - AO $\dagger$ | 10.5 Barg | 8.07 Barg |
| 0.1 to 0.5 Barg | 0.04 to 0.21 Barg | $3-201 \mathrm{~W}$ - AO $\dagger$ | 10.5 Barg | 8.07 Barg |
| 0.14 to 1.4 Barg | 0.04 to 0.4 Barg | 3A-201W-AO $\dagger$ | 10.5 Barg | 8.07 Barg |
| 0.14 to 4.2 Barg | 0.07 to 0.7 Barg | 4-201W - AO $\dagger$ | 10.5 Barg | 8.07 Barg |
| 0.35 to 7 Barg | 0.1 to 2.1 Barg | 5-201W - AO $\dagger$ | 10.5 Barg | 8.07 Barg |
| 1.4 to 14 Barg | 0.2 to 3.5 Barg | 6-201W - SO† $\dagger$ | 52.5 Barg | 40.38 Barg |
| 2.1 to 21 Barg | 0.35 to 6.3 Barg | 7-201W - SO†† | 52.5 Barg | 40.38 Barg |
| 3.5 to 35 Barg | 0.7 to 10.5 Barg | 7A - 201W - SO†† | 52.5 Barg | 40.38 Barg |

Proof Pressures over 21 Bar will have High Tensile Steel Grade 12.9 Screws, Plated.

Proof Pressures up to 21 Bar will have Stainless Steel Screws Grade A2/A4.

[^0]For construction other than above refer to the $2^{\text {nd }}$ page of this leaflet for options, and change code accordingly.


[^1] to surface 'A'
*This dimension is 242 for ' 00 ' and '00A' ranges, it will also differ for vacuum models and safety vented models.



[^0]:    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.
    $\dagger \dagger \dagger$ Standard construction Stainless Steel Pressure Chamber and Stainless Steel Diaphragm (M.W.T. 200${ }^{\circ} \mathrm{C}$ ) = ST.
    $\dagger \dagger$ (Aluminium Pressure Chambers are not available on these models.)
    $\dagger \dagger \dagger($ Aluminium Pressure Chambers and Fabric Diaphragms are not available on these models.)

[^1]:    Terminal box, explosion-proof/flameproof enclosure, pneumatic valve fitted

