

## HOW TO ORDER INDUSTRIAL LOW RANGE COMPOUND SWITCHES

| Group 1   | Group 2   | Group 3   | Group 4   | Group 5  | Group 6   | Group 7   | Group 8   |
|---|---|---|---|--|---|---|---|
| Non standard allocation   | Gas Group Classification  | Cable Entry Size  | Switch Type   | Range Code (values in mm wc)                             | Microswitch Type  | Pressure Port Material / Size   | Diaphragm   |
| <input type="checkbox"/> Reserved for non-standard options not covered in catalogue. Will be given by manufacturer, only after agreement of supply details with customer. | <b>MT</b> = Industrial pressure switch with diecast Aluminium enclosure to IP66 as per IS2147 | <b>1</b> = 1/2" NPT threads<br><b>3</b> = M20 X 1.5 threads | <b>CF1</b> = Compound switch, fixed differential with scale | <b>CL2</b> = (-150 to 150)<br><b>CL3</b> = (-250 to 250) | <p><b>A1</b> = General purpose microswitch rated at 15 A; 250 VAC</p> <p><b>A2</b> = Hermetically sealed for corrosive environments</p> <p><b>A3</b> = gold plated contacts for low voltage applications</p> <p><b>A4</b> = DPDT configuration</p> <p><b>A5</b> = for high DC ratings</p> <p><b>A6</b> = elements with adjustable deadband</p> <p><b>A7</b> = 2SPDT switching elements</p> <p><b>A9</b> = General purpose microswitch rated at 5 A; 250 VAC</p> <p>* Some microswitches may not be available for particular ranges. Please check with sales office.</p> <p>Please refer page no. 230 for more microswitch options</p> | <p><b>S1</b> = SS316 / 1/4" BSP(F)</p> <p><b>S2</b> = SS316 / 1/4" NPT(F)</p> <p><b>0</b> = Neoprene</p> <p><b>1</b> = Teflon</p> <p>Please refer page no. 226 &amp; 227 for more pressure port options</p> | For additional wetted parts please refer Pressure Capsule Details on Page 167 |

eg. A flameproof switch for gas group IC, with 1/2" NPT cable entry in aluminium housing as 1SPDT pressure switch, having -150 to 150 mm wc pressure range, with 15Amp. microswitch, SS316 pressure housing with 1/4" BSP port size & neoprene diaphragm shall be specified by

| Group 1                  | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|
| <input type="checkbox"/> | MT      | 1       | CF1     | CL2     | A1      | S1      | 0       |

Please specify full model number to avoid ambiguity. If only the first two groups are specified while ordering, uncalibrated switches with standard wetted parts and enclosures will be supplied.