

# HOW TO ORDER FLAMEPROOF HIGH PROOF HIGH RANGE PRESSURE DIFFERENCE SWITCHES

## HIGH PROOF HIGH RANGE PRESSURE DIFFERENCE 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 bar)	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>FC</b> = Flameproof pressure switch, ATEX & IECEx approved, with Aluminium head as per IS/IEC 60079-1 for Gas Gr. IIC	<b>1</b> = Al. head 1/2" NPT threads <b>2</b> = Al. head 3/4" NPT threads <b>3</b> = Al. head M20 x 1.5 threads <b>4</b> = Grey CI head 1/2" NPT threads <b>5</b> = Grey CI head 3/4" NPT threads <b>6</b> = Grey CI head M20 x 1.5 threads <b>7</b> = SS head 1/2" NPT threads <b>8</b> = SS head 3/4" NPT threads <b>9</b> = SS head M20 x 1.5 threads	<b>D1</b> = pressure difference switch, fixed differential without scale <b>D2</b> = pressure difference switch, fixed differential with scale in bar <b>D3</b> = pressure difference switch, fixed differential with scale in psi	<b>P01</b> = (0.1 - 1.0) <b>P02</b> = (0.1 - 1.5) <b>P03</b> = (0.2 - 2.6) <b>P04</b> = (0.2 - 3.6)	<b>A1</b> = General purpose microswitch rated at 15 A; 250 VAC <b>A2</b> = Hermetically sealed for corrosive environments <b>A3</b> = gold plated contacts for low voltage applications <b>A4</b> = DPDT configuration <b>A5</b> = for high DC ratings <b>A6</b> = elements with adjustable deadband <b>A7</b> = 2SPDT switching elements <b>A9</b> = General purpose microswitch rated at 5 A; 250 VAC	<b>S1</b> = SS316 / 1/4" BSP(F) <b>S2</b> = SS316 / 1/4" NPT(F)	<b>0</b> = Neoprene <b>1</b> = Teflon
						Please refer page no. 230 for more microswitch options * Please refer note under Range Selection Table	For additional wetted parts please refer Pressure Capsule Details on Page 51

eg. A flameproof switch for gas group IIC, with 1/2" NPT cable entry in aluminium housing as 1SPDT pressure difference switch, having 0.1 bar to 1 bar pressure range, with 15Amp. microswitch, SS316 pressure housing with 1/4" BSP port size & neoprene diaphragm shall be specified by

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<input type="checkbox"/>	FC	1	D1	P01	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.