

HOW TO ORDER FLAMEPROOF VACUUM RANGE 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 mmHg)	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.	FC = Flameproof pressure switch, ATEX & IECEx approved, with Aluminium head as per IS/IEC 60079-1 for Gas Gr. IIC FE = IP66 Flameproof pressure switch, KLPL approved	1 = Al. head 1/2" NPT threads 2 = Al. head 3/4" NPT threads 3 = Al. head M20 x 1.5 threads 4 = Grey CI head 1/2" NPT threads 5 = Grey CI head 3/4" NPT threads 6 = Grey CI head M20 x 1.5 threads 7 = SS head 1/2" NPT threads 8 = SS head 3/4" NPT threads 9 = SS head M20 x 1.5 threads	V1 = vacuum switch, fixed differential without scale	V00 = († 760 - 100)	A1 = General purpose microswitch rated at 15A; 250 VAC A2 = Hermetically sealed for corrosive environments A3 = gold plated contacts for low voltage applications A4 = DPDT configuration A5 = for high DC ratings A6 = elements with adjustable deadband A7 = 2SPDT switching elements A9 = General purpose microswitch rated at 5A; 250 VAC	S1 = SS316 / 1/4" BSP(F) S2 = SS316 / 1/4" NPT(F) Please refer Page No. 68 for Pressure Port options	0 = Neoprene 1 = Teflon
					Please refer Page No. 69 for Microswitch options * Please refer note under Range Selection Table	For additional wetted parts please contact Sales Office	

eg. A flameproof switch for gas group IIC, with 1/2" NPT cable entry in aluminium housing as 1SPDT vacuum switch, having 760 mm Hg to 100 mm Hg vacuum 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	V1	V00	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.