

HOW TO ORDER FLAMEPROOF HYDRAULIC RANGE PRESSURE SWITCHES

HYDRAULIC RANGES



Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
Non standard allocation	Model	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.	FE = IP66 Flameproof pressure switch, PESO 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 Cl head 1/2" NPT threads *5 = Grey Cl head 3/4" NPT threads *6 = Grey Cl 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 * Not available in FE models	P1 = pressure switch, fixed differential without scale P2 = pressure switch, fixed differential with scale in bar P3 = pressure switch, fixed differential with scale in psi	H1T = (0.5 - 10) H2T = (2 - 20) H4T = (5 - 40) H1H = (10 - 100) H2H = (7 - 200) H4H = (40 - 400) H7H = (70 - 700)	A1 = General purpose microswitch rated at 15 A; 250 VAC *A2 = Hermetically sealed for corrosive environments *A3 = gold plated contacts for low voltage applications *A5 = for high DC ratings *A6 = elements with adjustable deadband *A7 = 2SPDT switching elements *A8 = General purpose microswitch rated at 5 A; 250 VAC *A9 = General purpose microswitch rated at 5 A; 250 VAC Please refer Page No. 116 for Microswitch options * Please refer note under Range Selection Table	S1 = SS316 / 1/4" BSP(F) S2 = SS316 / 1/4" NPT(F)	0 = Neoprene 1 = Teflon 2 = SS 316L 3 = Hastelloy C 4 = Monel 5 = Titanium 6 = Tantalum 7 = Inconel

eg. A flameproof switch for gas group IIC, with 1/2" NPT cable entry in aluminium housing as 1SPDT pressure switch, having 5 bar to 40 bar pressure range, with 15Amp. microswitch, SS316 pressure housing with 1/4" BSP port size & SS316L diaphragm shall be specified by

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<input type="checkbox"/>	FE	1	P1	H4T	A1	S1	2

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.