

HOW TO ORDER FLAMEPROOF HIGH PROOF HIGH RANGE PRESSURE SWITCHES

HIGH PROOF HIGH RANGE SWITCHES

FC/FE

| 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. | FC = IP66 Flameproof pressure switch, ATEX, IECEx & PESO approved 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 | P 1 = pressure switch, fixed differential without scale P 2 = pressure switch, fixed differential with scale in bar P 3 = pressure switch, fixed differential with scale in psi | P01 = (0.1 - 1.0) P02 = (0.1 - 1.5) P03 = (0.2 - 2.6) P04 = (0.2 - 3.6) P07 = (0.5 - 7.0) P10 = (0.5 - 10.0) P15 = (1.0 - 15.0) P30 = (5.0 - 25.0) | A1 = General purpose microswitch rated at 15 A; 250 VAC *A6 = elements with adjustable deadband *A7 = 2SPDT switching elements A8 = General purpose microswitch rated at 5 A, 250 VAC; 5 A, 28 VDC *B7 = 2SPDT Switching Elements C6 = 1SPDT Adjustable Differential Please refer to page nos. 120 & 121 for options and specifications of microswitches * Please contact sales office for additional information | S1 = SS316 / 1/4" BSP(F) S2 = SS316 / 1/4" NPT(F) S3 = (welded diaphragm) SS316 / 1" BSP(M) S4 = SS316 / 1/2" NPT(F) S5 = SS316 / 1/2" NPT(M) H1 = Hastelloy C / 1/4" BSP(F) H2 = Hastelloy C / 1/4" NPT(F) N1 = Monel / 1/4" BSP(F) N2 = Monel / 1/4" NPT(F) More options available, please contact sales office | 0 = Neoprene 1 = PTFE 2 = SS 316L 3 = Hastelloy C 4 = Monel |

eg. A high proof high range flameproof switch with 1/2" NPT cable entry in aluminium housing as 1SPDT pressure switch, fixed differential without scale, having 0.1 bar to 1 bar pressure range, with 15 Amp. microswitch, SS316 pressure housing with 1/4" BSP port size & SS316L diaphragm shall be specified by

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|--------------------------|---------|---------|---------|---------|---------|---------|---------|
| <input type="checkbox"/> | FC | 1 | P1 | P01 | A1 | S1 | 2 |

Please specify full model number to avoid ambiguity.