

## HOW TO ORDER FLAMEPROOF HYDRAULIC RANGE PRESSURE 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>FE</b> = IP66 Flameproof pressure switch, KLPL approved	<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>P 1</b> = pressure switch, fixed differential without scale <b>P 2</b> = pressure switch, fixed differential with scale in bar <b>P 3</b> = pressure switch, fixed differential with scale in psi	<b>H1T</b> = (0.5 - 10) <b>H2T</b> = (2 - 20) <b>H4T</b> = (5 - 40) <b>H1H</b> = (10 - 100) <b>H2H</b> = (7 - 200) <b>H4H</b> = (40 - 400) <b>H7H</b> = (70 - 700)	<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>A8</b> = General purpose microswitch rated at 5 A; 250 VAC <b>A9</b> = General purpose microswitch rated at 5 A; 250 VAC  Please refer Page No. 69 for Microswitch options * Please refer note under Range Selection Table	<b>S1</b> = SS316 / 1/4" BSP(F) <b>S2</b> = SS316 / 1/4" NPT(F)	<b>0</b> = Neoprene <b>1</b> = Teflon <b>2</b> = SS 316L <b>3</b> = Hastelloy C <b>4</b> = Monel <b>5</b> = Titanium <b>6</b> = Tantalum <b>7</b> = 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

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
<input type="checkbox"/>	FC	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.