

## HOW TO ORDER FLAMEPROOF FLANGED 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	Flange Size and Material	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>A1</b> = ANSI Flanged pressure switch, fixed differential without scale <b>A2</b> = ANSI Flanged pressure switch, fixed differential with scale in bar <b>A3</b> = ANSI Flanged pressure switch, fixed differential with scale in psi	<b>H01</b> = 0.1 - 1.0 <b>H02</b> = 0.1 - 1.5 <b>H03</b> = 0.2 - 2.6 <b>H04</b> = 0.2 - 3.6 <b>H07</b> = 0.5 - 7.0 <b>H10</b> = 0.5 - 10.0 <b>H15</b> = 1.0 - 15.0 <b>H30</b> = 5.0 - 25.0 <b>H4T</b> = 5 - 40 <b>H1H</b> = 10 - 100 <b>H2H</b> = 7 - 200	<b>A1</b> = General purpose microswitch rated at 15A; 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 5A; 250 VAC  Please contact Sales Office for more microswitch options * Please refer note under Range Selection Table	Please select as per Flange Code Table	<b>0</b> = Neoprene <b>1</b> = Teflon <b>2</b> = SS316L <b>3</b> = Hastelloy C <b>4</b> = Monel 400 <b>5</b> = Titanium <b>6</b> = Tantalum

eg. A flameproof switch for gas group IIC, with 1/2" NPT cable entry in aluminium housing with an ANSI flange, having 0.5 bar to 7 bar pressure range, with 15 Amp. microswitch, 1" NB 150# RF SS316L flange & SS316L diaphragm shall be specified by

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<input type="checkbox"/>	FC	1	A1	H07	A1	AC	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.

# FLANGED PRESSURE SWITCHES

# FC/FE