

SC SUBMINIATURE SWITCHES



General information:

SC series subminiature pressure switches are low cost options. They are generally used where size is a constraint. Typical applications are to sense oil pressure in power packs. Can also be used for several automation applications.

Features:

- Compact
- Lightweight (Approx. 0.13 Kg.)
- Normally closed (NC) or normally open (NO)
- Electrical rating: 5A, 250VAC; 0.2A, 250 VDC (res.)
- Switching point easy to adjust
- Body material : Aluminium
- Wetted parts : MS/SS, Neoprene, SS316L, Teflon
- Pressure port : 1/4" BSP(M), other sizes available

Range Selection Table

Range Code	Range bar (psi)	Differential bar (psi)	Maximum Working Pressure bar (psi)
H01	0.1 - 1.0 (1.45 - 14.50)	0.2 (2.9)	35 (507.6)
H10	0.5 - 10.0 (7.14 - 142.86)	0.5 (7.25)	35 (507.6)
H30	2.0 - 25.0 (29.00 - 362.6)	1.5 (21.76)	35 (507.6)

How to order SC Series Subminiature Switches

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
Non Standard Allocation	Model	Terminal Type	Switch Type	Range Code	Operating Type	Pressure Port Material / Size	Diaphragm
<input type="checkbox"/> Reserved for non-standard options not mentioned in catalogue. Will be given by manufacturer, only after agreement of supply details with customer.	SC = Subminiature Type	1 = Plug Type	PFO = Pressure Switch Fixed Differential	H01 = (0.1 - 1.0) H10 = (0.5 - 10.0) H30 = (2.0 - 25.0)	A1 = With Silver Contact NC A2 = With Silver Contact NO A3 = With Silver Contact SPDT	M3 = Mild Steel / 1/4" BSPM S3 = SS316L / 1/4" BSPM	0 = Neoprene 1 = Teflon

e.g.: A single subminiature switch, high pressure range from 0.1 - 1.0 bar in uncalibrated style with mild steel pressure port & a neoprene diaphragm shall be specified by

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<input type="checkbox"/>	SC	1	PFO	H01	A1	M3	0

Please specify full model number to avoid ambiguity. If only the first two groups are specified while ordering, switches with standard wetted parts will be supplied.