

SE SUBMINIATURE SWITCHES



General information:

SE 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. 0.11 Kg.)
- Normally closed (NC) or normally open (NO) or SPDT
- Electrical rating: 5A, 250VAC; 0.2A, 250 VDC (res.)
- Switching point easy to adjust
- Material : Body - Aluminium; Pressure housing - Brass/MS/SS
- Wetted parts : MS/Brass/SS316L, Neoprene, 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)	50 (725.18)
H10	0.5 - 10.0 (7.14 - 142.86)	0.5 (7.25)	50 (725.18)
H30	2.0 - 25.0 (29.00 - 362.6)	1.5 (21.76)	50 (725.18)
100	10 - 100 (145.037 - 1450.37)	12 (174.05)	150 (2175.56)

How to order SE 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.	SE = 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) 100 = (10 - 100)	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 B3 = Brass / 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

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