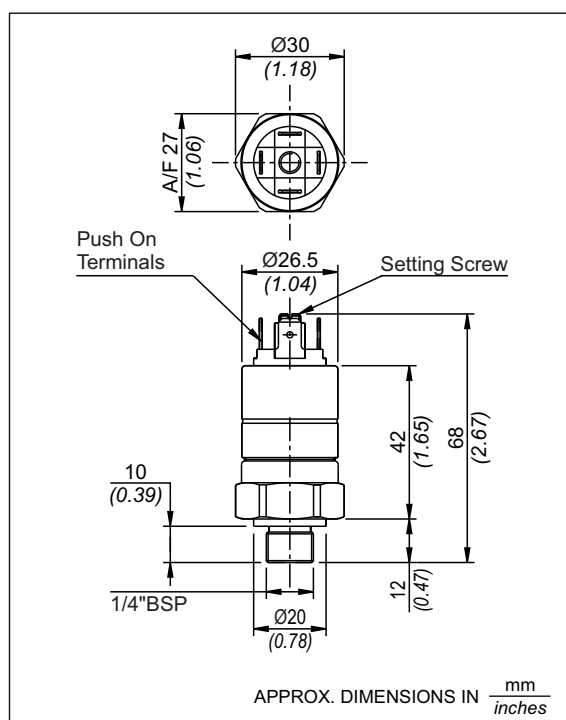




General information:

Helium leak tested SE switches have a special construction. They are intended for gas applications. They have welded SS diaphragm and are helium leak tested upto 1×10^{-8} mbar.l/s.

These can be used for applications in Aerospace (fuel tanks, hydraulic systems, cabin pressurization systems), Automotive / HVAC (air-conditioning systems & refrigeration), Cryogenics (system handling low temp. substances like He), Medical (MRI m/cs), Firefighting (Gas cylinders), etc.

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 - SS
- Wetted parts : SS316L Welded Diaphragm
- Pressure port : 1/4" BSP(M), other sizes available
- 'He' Leak Tested

Range Selection Table

Range Code	Range bar (psi)	Differential* bar (psi) (Approx. Maximum)	Maximum Working Pressure bar (psi)
H10	0.5 - 10.0 (7.14 - 142.86)	1.0 (14.50)	35 (507.5)
H30	2.0 - 25.0 (29.00 - 362.6)	2.0 (29.00)	35 (507.5)

*Differential increases with set point, graph available on request.

Other model with range upto 200 bar available. Please contact sales office.

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
☐ A prefix "N" is used in the model code in case of any non standard options/ accessories that are provided with the switches. 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 = (0.2 - 1.0) H04 = (0.2 - 3.6) H10 = (0.5 - 10.0) H30 = (2.0 - 25.0)	A3 = With Silver Contact SPDT	S3 = SS316L / 1/4" BSPM S6 = SS316L / M10x1 M Contact Sales Office for side hole pressure port	H = SS316L welded and 'He' leak tested diaphragm

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

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8
☐	SE	1	PFO	H01	A1	S3	H

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.