

OEM HYDRAULIC PRESSURE SWITCHES SA

General information:

SA series pressure switches have a cast aluminium enclosure, intended for inhouse use. These are generally used where size is a constraint. The repeat accuracy is better than $\pm 2\%$ FSR. Pressure port is 3/8" BSP(M) standard.

Features:

- Compact
- Lightweight
- Electrical rating : 5A, 250 VAC; 0.2A, 250 VDC (res.)
- Working media : for air & oil
- Pressure port : 3/8 " BSP(M)

Range Selection Table

Range Code	Range (falling pressure) bar (psi)	*Approximate Maximum Differential bar (psi)	Maximum Working Pressure bar (psi)
040	3 - 40 (43.51 - 580.15)	5 (72.52)	200 (2900.76)
100	10 - 100 (145.04 - 1450.38)	12 (174.05)	200 (2900.76)
200	7 - 200 (101.52 - 2900.76)	24 (348.09)	200 (2900.76)
400	100 - 400 (1450.38 - 5801.51)	60 (870.20)	400 (5801.51)

*differential rises with setpoint (Graphs available on request)

How to order SA OEM hydraulic pressure switches

Group 1 Model	Group 2 Range Code	Group 3 Connector	Group 4 Pressure Housing	Group 5 Piston	Group 6 Enclosure
SA - Fixed Differential Pressure switch	H - Hydraulic pressure range	U - Unlighted L - Lighted (24 VDC) P - Lighted (230 VAC)	M-M.S.	0 - Alloy Steel	0 -IP 54 as per IS 2147

eg. A SA OEM hydraulic pressure switch, pressure range from 3 - 40 bar with unlighted connector having M.S. pressure housing & alloy steel piston in a standard enclosure shall be specified by

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
SA	040	U	M	0	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.

Bulletin No. KA151007

Certificate No.: FM72815



Kaustubha Udyog (Orion Instruments)

S. No. 36/1/1, Sinhgad Road, Vadgaon Khurd, Pune 411 041 INDIA

Tel.: +91-(0) 20-24393877

Telefax : +91-(0) 20-24393577 / 25460486

Email : pressure@vsnl.com / info@orion-instruments.com

Website : www.orion-instruments.com