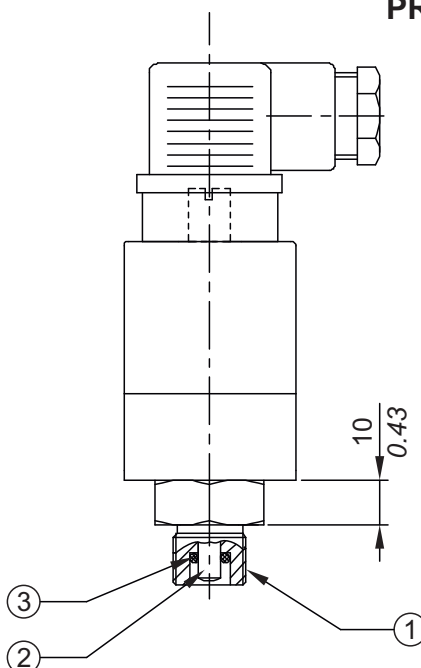


SA OEM HYDRAULIC PRESSURE SWITCHES



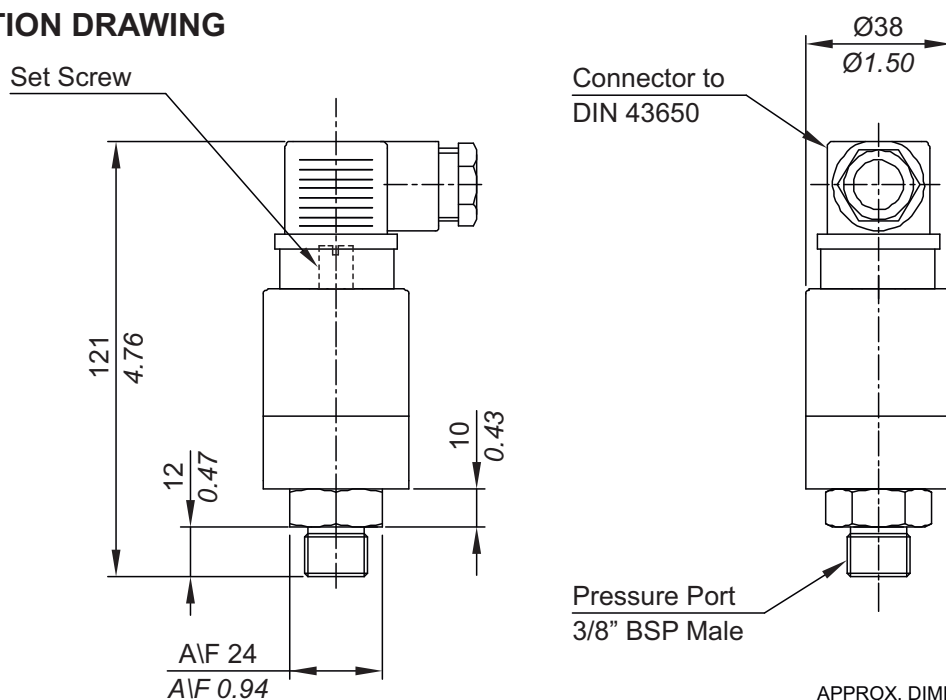
PRESSURE CAPSULE DETAILS



- No. Description**
1. Pressure Housing
 2. Piston
 3. O Ring

Note : *wetted parts* are mentioned in italics.

INSTALLATION DRAWING



APPROX. DIMENSIONS IN $\frac{\text{mm}}{\text{inches}}$

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; 0.2 A, 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 65 as per IS60529

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.