



General information:

SA series (a variant of SM series) pressure switches have a cast aluminum enclosure, intended for in house use. These are generally used where size is a constraint. The repeat accuracy is better than $\pm 2\%$ FSR. A Connector to DIN 43650 is provided for wiring. Pressure port is $\frac{1}{4}$ " BSPF standard.

Features:

- Compact
- Lightweight
- Electrical rating : 5A, 250 VAC; 0.2 A, 250 VDC (res.)
- Choice of wetted parts to suit working media
- Proof pressure available can be 4 times MWP (optional)
- Pressure Port : $\frac{1}{4}$ " BSPF

Range Selection

| Range Code | Range (rising pressure) bar (psi) | * Approximate Maximum Differential (fixed) bar (psi) | Maximum Working Pressure bar (psi) |
|------------|-----------------------------------|--|------------------------------------|
| H01 | 0.2 - 1.0 (2.90 - 14.50) | 0.2 (2.90) | 12 (174.05) |
| H03 | 0.2 - 2.6 (2.90 - 37.71) | 0.3 (4.35) | 12 (174.05) |
| H04 | 0.2 - 3.6 (2.90 - 52.21) | 0.3 (4.35) | 12 (174.05) |
| H07 | 0.5 - 7.0 (7.25 - 101.53) | 0.5 (7.25) | 12 (174.05) |
| H10 | 0.5 - 10.0 (7.25 - 145.04) | 1.0 (14.50) | 25 (362.6) |
| H15 | 1.0 - 15.0 (14.50 - 217.76) | 1.5 (21.76) | 25 (362.6) |
| H30 | 5.0 - 25.0 (72.52 - 362.6) | 2.50 (36.26) | 35 (507.63) |

*Minimum differential increases with set point (Graphs available on request)

How to order SA high range pressure switches

| Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 |
|---|---------------------------------|------------------|-------------------------------------|--------------------------|-------------------------|
| Model | Range Code | Range Scale | Pressure Housing | Diaphragm | Enclosure |
| SA - Fixed Differential Pressure switch | H-High range 65 pressure Switch | U- Un calibrated | A -Aluminum B -Brass S -SS316 | 0 -Neoprene 1 -Teflon | 0 -IP 65 as per IS 2147 |

eg. A single pressure switch, high pressure range from 0.2 - 2.6 bar in un calibrated style with brass pressure housing & a teflon diaphragm in a standard enclosure shall be specified by

| Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 |
|---------|---------|---------|---------|---------|---------|
| SA | H03 | U | B | 1 | 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.

Continuous efforts for product development may necessitate changes in these details without notice

Authorised Dealer

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