HO
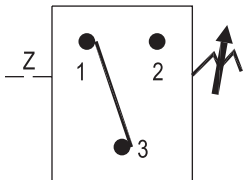
General information:

HO series pressure switches have a machined aluminium powder coated enclosure and are recommended for manifold mounting hydraulic applications. The repeat accuracy is better than ±1 % FSR. A connector to DIN 43650 is provided for wiring. For electrical connection please refer Fig. 1.

Fig. 1.

Features:

- Compact
- Lightweight
- Three mounting styles
- Lockable protective cap to avoid tampering (optional)
- Electrical rating : 5A, 250 VAC; 0.2 A, 250 VDC (res.)

Some Applications : Used in compressors, hydraulic power packs, manifolds/stacks with sandwich plates, high/low pressure alarms in CNC machines etc.

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)	10 (145.04)	200 (2900.76)
100	10 - 100 (145.04 - 1450.38)	25 (362.60)	200 (2900.76)
200	7 - 200 (101.52 - 2900.76)	25 (362.60)	200 (2900.76)
350	35 - 350 (507.63 - 5076.32)	40 (580.15)	400 (5801.51)
400	100 - 400 (1450.38 - 5801.51)	60 (870.22)	500 (7251.89)

*differential rises with setpoint (Graphs available on request)

How to order HO Hydraulic Series pressure switches.

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Model	Range Code	Base Type	Protective Cap	Wetted Parts	Enclosure*
HO - Hydraulic Pressure Switch	Hydraulic Pressure Range	S - for Subplate mounting. L - for line Mounting V - for vertical Stacking	U - without any protective cap P - with a lockable protective cap	M - for Standard Wetted parts.	0 - IP 65 as per IS 2147

eg. A hydraulic pressure switch, pressure range from 3 to 40 bar, as a vertical element with a lockable protective cap & standard wetted parts with a standard enclosure shall be specified by

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
HO	040	V	P	M	0

Please specify full model number to avoid ambiguity. If only the first two groups are specified while ordering, pressure switches with standard wetted parts will be supplied.