



Filters . Accumulators

Pressure Switch Type : PST1

Applications

Hydraulics and mobile hydraulics.
Pneumatics.
Heavy Duty machinery.
All compressed air, liquids or gases.

Technical Data

Mechanical Connection	: 1/8" BSP, 1/4" BSP, 1/8" BSPT, 1/4" BSPT M10x1, M12x1.5, 1/8" NPT, 1/4" NPT.
Reproducibility	: ±3% of adjusted pressure
Working Temperature	: -40°C ...+85°C [-40°F ...+185°F]
Vibration Test (DIN EN 60068-2-27)	: 20g (Test Time 30 min)
Shock Test (DIN EN 60068-2-27:1993)	: 30g
Working Cycle	: 5,000,000 cycles
Viscosity	: Between 10 ... 800 mm ² /sec
Electrical Connection Feature	: 250 VAC 5A



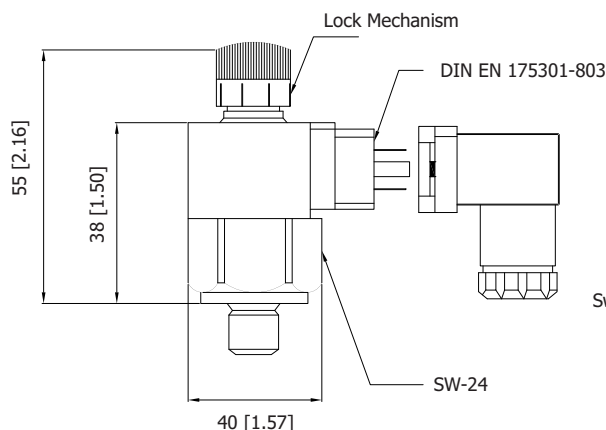
Description

PST1 Series Pressure Switch opens and closes electrical circuit depending on pressure increase or decrease. Working pressure is adjustable between 0.2 bar and 400 bar [2.9 psi to 5802 psi]. System has adjustable feature while system is working. These switches can be used under all compressed air, liquids or gases.

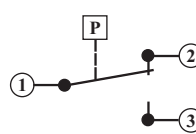
Features

- Compact and economic design
- NO/NC Socket
- Reproducibility of pressure switch is ±3%
- Body material is steel as Standard. Also available in stainless steel & brass.
- Standard switch is with NBR Seals with HNBR & Viton as options.

Dimensions



Electrical Connection types



Electrical Connection	3 Terminal
Max. Touching Surface	0.5 mm ²
Minimum Current	1mA 12 V DC
Maximum Current	3A 130 V DC

Switch Function:
Terminal 1-2: It has current in case of pressure decrease or no pressure (NC)
Terminal 1-3: It has current in case of pressure increases (NO)

Dimensions in mm [inch]

Ordering Code

1 2 3 4 5 6
PST1 - 002 - G02M - C - P - NO

1	Series	Pressure Switch - Threaded with External setting knob	= PST1
2	Pressure Range	0.2 to 2 bar [2.9 to 29 psi] 1 to 12 bar [14.5 to 174 psi]	= 002 P _{max} =40 bar [580.2 psi] = 012
		5 to 100 bar [72.5 to 1450 psi] 20 to 200 bar [290.1 to 2901 psi] 50 to 400 bar [725.2 to 5802 psi]	= 100 P _{max} =600 bar [8702 psi] = 200 = 400
3	Connection	1/8" BSP(M) 1/4" BSP(M) 1/8" BSPT(M) 1/4" BSPT(M) M10x1.0(M) M12x1.5(M) 1/8" NPT(M) 1/4" NPT(M)	= G01M = G02M (standard) = T01M = T02M = M42M = M43M = N01M = N02M
4	Body	Steel Brass SS316L	= C (standard) = B = X
5	Sealing	NBR/Nitrile Viton EPDM HNBR	= P (standard) = V = E = K
6	Electrical Connection	Change-Over - with DIN Socket - Form C	= COD-C (standard)

* Before ordering, check for availability.

Pressure Difference Variation Graphs

