



Filters . Accumulators

Pressure Switch Type : PSTM

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" BSP M10x1, M12x1.5, 1/8" NPT, 1/4" NPT.
Reproducibility	: ±1% of adjusted pressure
Working Temperature	: -40°C ...+90°C [-40°F ...+194°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
Manometer	: Ø40



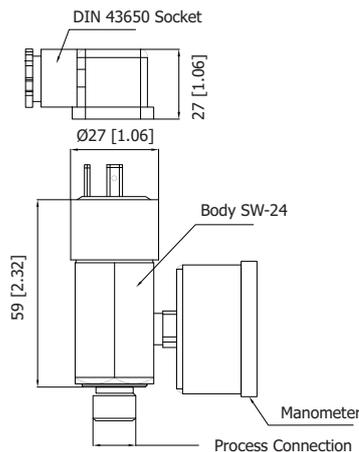
Description

PSTM Series Pressure switch opens or closes electrical circuit depending on pressure is dropping or rising. Working pressure can be set from 0.2 bar to 12 bar [2.9 to 174 psi]. User can follow system pressure instantly thanks to manometer on the switch. PSTM Series pressure switch is manufactured as only diaphragm type. It is classified depending on pressure ranges.

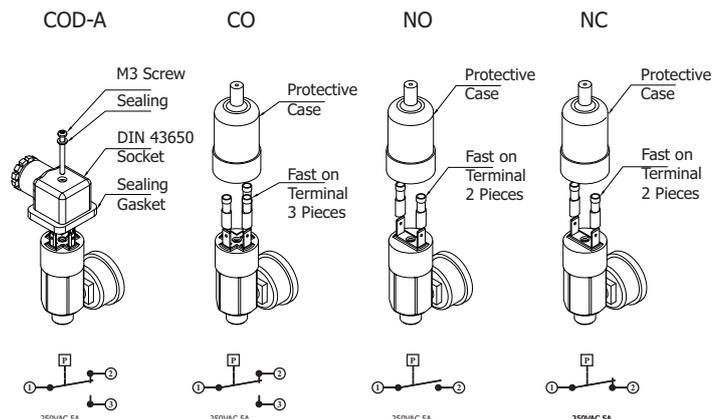
Features

- Compact Design with Manometer.
- Long service life due to high-quality micro-switch.
- NO/NC Socket and fast-on connection options.
- Reproducibility of pressure switch is ±1%.
- Body material is Brass standard. Also available in Stainless Steel.
- Standard switch is with NBR Seals with EPDM, HNBR & Viton as options.

Dimensions



Electrical Connection types



Dimensions in mm [inch]

Ordering Code

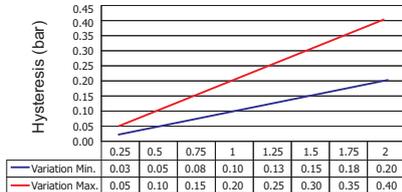
1 2 3 4 5 6
PSTM - 002 - G02M - B - P - COD-A

1	Series	Pressure Switch - Threaded with Manometer ⁽¹⁾	= PSTM
2	Pressure Range	0.2 to 2 bar [2.9 to 29 psi] 1 to 12 bar [14.5 to 174 psi]	= 002 = 012 Manometer pressure Pmax 2.5 bar [36.25 psi] 16 bar [232 psi]
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	Brass SS316L	= B (standard) = X
5	Sealing	NBR/Nitrile Viton EPDM HNBR	= P (standard) = V = E = K
6	Electrical Connection	Normally Open - with Cap Normally Closed - with Cap Change-Over - with Cap Change-Over - with DIN Socket - Form A	= NO = NC = CO = COD-A

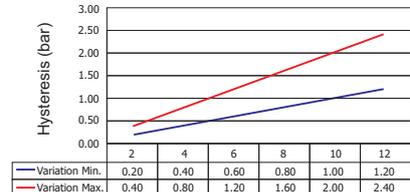
* Before ordering, check for availability.

Pressure Difference Variation Graphs

Working Pressure : Adjustable between 0.2-2 bar
[2.9 to 29 psi]
 Max. Set Pressure : 2 bar [29 psi]
 Max. System Pressure : 2.5 bar [36.25 psi]



Working Pressure : Adjustable between 1-12 bar
[14.5 to 174 psi]
 Max. Set Pressure : 12 bar [174 psi]
 Max. System Pressure : 16 bar [232 psi]



Notes

These values are maximum values and can not be used at the same time.
 For use in aggressive chemicals / fluids contact us.
 Clearances as per standards of Hydraulic oils (fluids) to be strictly followed.
 For effective & long working life of pressure switches it is advised to use proper filtration in the system.
 Please avoid using out of range values to have a long service from pressure switch.