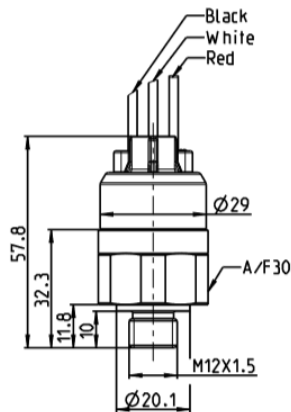


Pressure Switch (Fixed differential)



Technical Data

A pressure switch consists of a sensing component and an electrical switch. The switch opens and closes a contact at a specific pressure referred to as the set point. The set point may be fixed or adjustable.

Pressure switches are widely used for a large range of applications throughout industry and manufacturing. Depending on the application of the pressure switch we can provide different models to best suit your requirements.

Design features and materials

Housing	Aluminum/Brass/SS
Springs	Spring steel with surface treatment or S.S.
Plastic parts	POM, PA, Nylon

Model	APS
Wetted parts	MS/Brass/SS316L, NBR, Teflon
Medium	Engine oil (10W30 equivalent) , Compressed air, Water
Switching type	Normally closed (NC) or normally open (NO) or SPDT
Electrical Rating	3A,125VAC; 2A,30VDC
Ambient/Medium temperature	-10° to +70°C
Electrical Life at rated load	6000 operations (Minimum)
Class of Protection	IP65 (IP67 available on request)

RANGE SELECTION TABLE	Range Code	Range in Bar (PSI)	Differential Pr. In Bar (PSI) (Max Approx.)	Max. Working Pr. In Bar (PSI)
	R01	0.2 - 2.0 (2.9 - 29)	0.2 (2.9)	50 (725.18)
	R10	0.5 - 10.0 (7.25 - 145)	1.0 (7.25)	50 (725.18)
	R25	2.0 - 25.0 (29.00 - 362.6)	2.0 (21.76)	50 (725.18)

*Differential increases with set point ,graph available on request

APS	1	R01	A	P	0	
Model APS	Terminal type 1-Open wire 2-two pole connector 3-three pole connector	Pressure range R01 R10 R25	Op. type A - N/C B - N/O C - SPDT	End connection Mtrl / size P- Mild Steel / 1/4" BSPM Q- SS 316L / 1/4" BSPM R-Brass / 1/4" BSPM (*Other Sizes available)	Diaphragm 0- Nitrile 1- Neoprene 2-Teflon	Non-standard category Options not mentioned in catalogue Will be given by manufacturer upon agreement with customer.

Order Code:-

While ordering Adjustable pressure Switch, please mention the suffix given above.

Example:-

The ordering no. for APS with Open wire and Range of 0.1 to 1 bar N/C with 1/4" BSPM and Nitrile Diaphragm is APS1R01AP0