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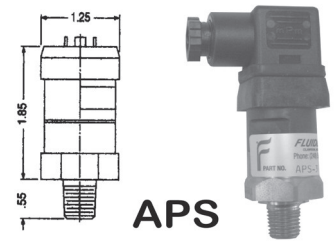
ELECTRICAL - PRESSURE SWITCHES

The APS style pressure switch is a field adjustable compact pressure switch with a set point range at 2 to 100 PSI. The epichrobydrin diaphragm is compatible with a wide range of fluids as well as being ideal for pneumatic systems. Viton or EPR diaphragms are available with a special order. The snap action micro switch is rated at 7 amps with a life factor of 10 to the power of 6 when operated at the recommended conditions. Repeatability is 1%.

PART #	PRESSURE RANGE
APS-1	2-6 PSI
APS-3	10-35 PSI
APS-4	25-100 PSI

TEMP RANGE: -40° F TO 185° F (viton up to +250° F)
MAX PRESSURE: 350 PSI
HOUSING: STEEL (ZINC PLATED)
WIRING: 300 volt, 18awg

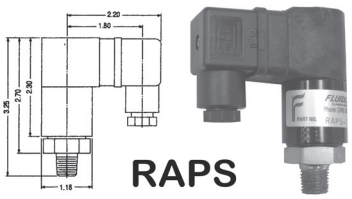
To adjust APS style pressure switches, remove the miniature electrical connector and place a 1/8" allen wrench into the screw hole. Turn allen wrench to adjust the pressure setting.



The RAPS style electrical pressure switch is an inline, compact pressure switch that is field adjustable from 5 PSI to 6000 PSI rising pressure depending upon the combination of spring rate to actuator area. The "cushion" supported diaphragm used on all switches where system pressures exceed 500 PSI, is a proven concept which prevents any extrusion of the elastomer diaphragm even at pressures of up to 8000 PSI. Standard epichlorobydrin diaphragm. Viton and EPR are a special order option. The electrical circuit uses a three wire, 7 amp, snap action micro switch. Set point repeatability is ± 1%. Deadband is as follows: RAPS-5 - 10%, RAPS - 1,3,4,6,7 - 15%, RAPS - 2-25%

PART #	PRESSURE RANGE
RAPS-1	5-20 PSI
RAPS-2	15-75 PSI
RAPS-3	50-150 PSI
RAPS-4	75-650 PSI
RAPS-5	500-2000 PSI
RAPS-6	750-3000 PSI
RAPS-7	2500-6000 PSI

TEMP RANGE: -40° F TO 185° F (viton up to +250° F)
HOUSING: STEEL (ZINC PLATED)
PROTECTION: To IP 67

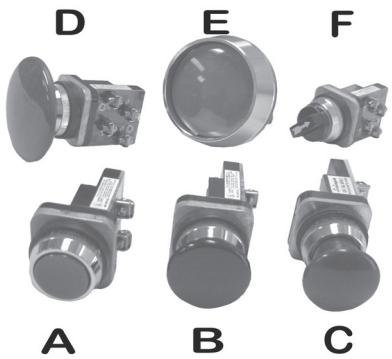


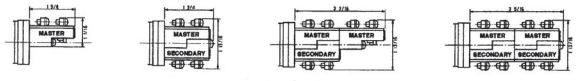
To adjust RAPS style pressure switches, use a flat head screwdriver to remove cover cap from the top of the switch. After removing the cap use a 7/32" allen wrench to turn the adjustment screw to the desired pressure setting. Replace the cap when done.

ELECTRICAL - INPUT DEVICES

FIG	PART #	DESCRIPTION
A	*FPB	FLUSH PUSH BUTTON
B	*MPB	MUSHROOM PUSH BUTTON
C	*PPB	PUSH-PULL PUSH BUTTON
D	*JPB	JUMBO MUSHROOM BUTTON
E	*JGB	JUMBO GUARDED PUSH BUTTON
F	*2SS	2-POSITION SELECTOR SWITCH
	*3SS	3-POSITION SELECTOR SWITCH

***INSERT LETTER FOR BUTTON COLOR**
"B"=black, **"G"**=green, **"R"**=red



ADDITIONAL CONTACT BLOCKS -
Operators are sold with one N.O./N.C. contact block. More than four contact blocks per operator are not recommended.

PART # MCB	PART # SCB
Master Contact Block	**Secondary Contact Block**