

LF40-01 Air Switch (20-1000 mbar)

LF40-01 Air Switch is provided with a snap action switching for higher current capacity, SPDT contact form and switch dead bands (also referred to as mechanical differential or hysteresis).

LF40-01 Air Switch can be used together with air button (also called as Actuator) for remote control purpose. It is widely used in food waste disposer, pumps for swimming pools and spas, hot tubs, sanitary equipment, out door machines, medical equipment etc. As a remote control switch, it is small enough to fix in the control box of the engine. Used as a remote control, the air switch has two actions:

- 1) Momentary action: when the air button is pushed, the air switch is actuated. When air button is released, the air switch will also be released. This is the way the basic pressure switches are working.
- 2) Alternate action (also referred to as latching or bistable): the first pushing on air button actuates the air switch, and the air switch keep actuating when air button is released. A second push on the air button will release the air switch.



LF40-01 Air Switch



Air Button

Model	LF40-01
Medium	Air or other non hazardous gas, water
Operating Pressure Range	20 mbar to1000 mbar

Proof Pressure	50 PSI
Operating Temperature Range	-10° C to 85° C
Contact Arrangement	SPST or SPDT
Electric Rating	1/2HP 250V, for long distance remote control; 2HP 250V, for high rating application; Other rating can be available on request
Terminals	6.35 or 4.88 mm male Q.C.
Connection	4mm OD tube, 1/4 NPT male thread, 1/8 NPT male thread

Conversion: 1Bar = 14.5PSI , 1PSI = 68.95 mbar