



Dimension in:mm

LF30

Air differential pressure switch



The LF30 employs a differential pressure to actuate a precision snap switch at chosen pressure setting. This may be the difference between atmospheric and a negative or positive pressure or between any two given pressures. When a change of pressure occurs between the negative pressure chamber and the positive pressure chamber the main diaphragm activates the snap switch at a pre-determined value.

LF30 Order Ref NO

LF30 -4 1 1 1 -P70Pa-100Pa

A B C D Pressure setting in pa:P=Positive V=Vacuum

Number	Electrical Rating	Terminals	Mounting/Fixing	Orifice
0	/	/	none	none
1	0.1A,125/250VAC	B 6.3×0.8mm	C with bracket	D with orifice
2	3A,125/250VAC	4.8×0.5mm	/	/
3	5A,125/250VAC	/	/	/
4	A 15A,125/250VAC	/	/	/

Specification

Model	LF30
Medium	Air, smoke (smoke after combustion of gas), non-corrosive gas
Fixing method	L-shaped bracket
Installation	LF 30 should be installed with diaphragm in vertical place, Please contact us before you install it horizontally.
Pressure range	35~1000Pa positive and negative pressure range, the min upper limit pressure is 35Pa, the min lower limit pressure is 6Pa, and pressure difference is not adjustable
Pressure resistance	5000Pa
Operating temperature	≤105°C
Rated voltage, current	0.1A, 5A, 16A, 125/250VAC
Contact method	SPDT or SPST
Terminal	6.35×0.8 or 4.8×0.5 standard flat blade
Tolerance	At room temperature, the tolerance is ±10Pa or ±10%Pa, whichever is greater

Conversion:1mbar=100Pa 1"W.C=249Pa