

LF5D Series No-delay Differential Pressure Switch



LF5D series differential pressure switch, normally use in water, oil series control difference of the outlet tube and inlet tube. One typical application is, put valve install in the next to water (oil) system pump' s by-pass valve line ,when the pressure difference rise (or reduce) of two side of the system' s tube exceed the setting data of the pressure control, so the valve open big (or close small), so the system tube' s two side' s pressure difference is reduce, to reach the system normal circulate.

LF5Dseries differential pressure control' s two side have a high-sensitive parts each other, when the pressure of two side of the parts change, it will let switch institution action to control system' s equipment, such as motor drive' s valve.

The standard is pressure bellows material is phosphor bronze, if customer use ammonia cryogen media or other corrosive media , please contact the factory.

Allowable Fluid Temp: -10 to 100 °C



Specification

Units: bar

Model	Differential Adjustable Range		Factory setting	Max.working pressure
	Min	Max.		
AL5D2	0.5	2	0.5	16.5
AL5D4	0.5	3.5	1	16.5
AL5D4H	0.5	3.5	1	33
AL5D6	1	6	1	16.5
AL5D6H	1	6	1	33

Note: All of the pressure switches' s connection is M12x1.25. If customer need English system flare must be add "E" in the end of MODEL.

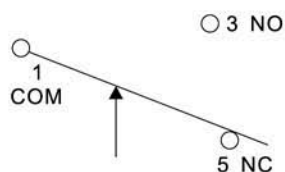
Normally, use English system is screw thread is 7/16-20UNF.

Electric Ratings

Rated Amps.(A)		Rated Voltage(V)		
		125VAC	250VAC	24VDC
Non-Inductive Current		20A	10A	10A
Inductive Current	Full Load	15A	8A	8A
	Locked Roter	72A	72A	64A

Contact Form

SPDT



- 1 Common contact
- 1-3 When pressure increase, it' s closed.
- 1-5 When pressure decrease, it' s closed.
- ↑ Pressure rise' s way

Notes: 1) When install the pressure switch' s connection tube, don' t wrong side of high pressure & low pressure.

2) When install the pressure switch' s connection tube, the screw with the connection must be use two 10" spanner to do it colse.