



LF08A

High current
Pressure switch



Note: Replaceable connector can be found in Appendix 1

Dimension in : mm

LF08A Order Ref NO

LF08A-1 01C-0.2-0.3MPa

A B C D Pressure setting: On value :0.2MPa, Off value :0.3MPa

Note: ①The on-value is at front, and the off-value is at back

②No pressure differential is not available

The LF08A switches are fixed set point, factory calibrated pressure switches. It is automatic reset, and can be normally open or normally close contacts. All metallic wetted components make the LF08A switch compatible with a multitude of chemicals in liquid or gas form. It is offered numerous types of electrical terminations from different size and style push on terminals to wire leads with an array of standard industry connectors. In house machining capabilities allows Lefoo to offer a wide variety of pressure fitting from different thread types and sizes to units with internal deflator and copper tubing for sawing operations.

Code	A Electrical connection type	B Pressure connection type	C Interface material	D Electrical circuit
1	1-Wire type	0-Other (rod/barb)	1-Stainless steel	C-SPST(NC)
2	2-Blade type	2-M thread (below M10)	2-Brass	O-SPST(NO)
3	/	3-M thread (above M12)	/	D-SPDT
4	/	4-NPT thread	/	/
5	/	5-R thread	/	/
6	/	6-G thread	/	/
7	/	7-UNF thread	/	/
8	/	8-Copper tube	8-Copper	/

Specification

MODEL	LF08A			
Pressure setting range (gauge pressure)	0.01MPa to 6.5MPa; Low pressure below 1.0MPa; High pressure above 1.0MPa			
Operating pressure /Tolerance/ Withstand pressure (gauge pressure)	Operating pressure value	Tolerance	Withstand maximum pressure	
	0.1≤<0.6MPa	±0.03MPa	1.5MPa	
	0.6≤<1.0MPa	±0.05MPa	2.0MPa	
	1.0≤<2.0MPa	±0.07MPa	3.0MPa	
	2.0≤<3.0MPa	±0.10MPa	4.0MPa	
	3.0≤<4.0MPa	±0.15MPa	5.5MPa	
	4.0≤<5.0MPa	±0.20MPa	6.5MPa	
	5.0≤<6.5MPa	±0.25MPa	8.0MPa	
Burst pressure (gauge pressure)	34.5MPa×1min, no damage, leakage			
Operating temperature	Ambient temperature		Medium temperature	
	Low pressure:-40°C~65°C	High pressure:-40°C~120°C	Low pressure:-40°C~80°C	High pressure:-40°C~135°C
Electrical parameter	120VAC/20A, 250VAC/10A		36VDC/15A	
Medium	Air, water, oil, lubricants, refrigerants and other similar hydrocarbons			
Service life	Mechanical life:100,000		Electrical life:30,000	
IP level	Ip67			

Conversion:1bar=14.5psi 1MPa=10bar