



Note: Replaceable connector can be found in Appendix 1

Dimension in:mm

LF08H

Small multi-purpose pressure switch



LF08H Order Ref NO

LF08H-1 0 1 C-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

This product is generally used for cooling fans, long life can be applied to the frequent start of fan fans. This product can also meet the demand for pressure control equipment with relatively long service life requirements.

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		LF08H	
Pressure setting range (gauge pressure)	0.02MPa 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
	0.02 ≤ <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	24~250VAC/0.02~6A;8~36VDC/0.02~3A;600VAC/0.02~3A 120VAC/6A;250VAC/6A(CE)		
Medium	Air, water, oil, lubricants, refrigerants and other similar hydrocarbons		
Service life	Mechanical life:100,000		Electrical life:30,000(CE)
	Customizable for longer life		
IP level	Ip67		
Certification	CE		

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