

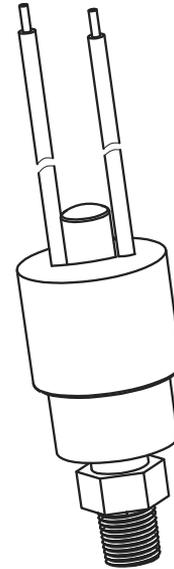
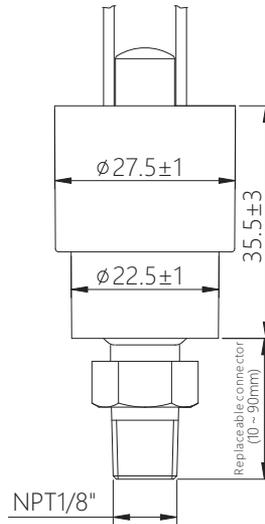
LF08M

Manually reset
Pressure switch



LF08M is a manually reset pressure switch, the maximum pressure set point can reach 942.5 PSI, the maximum rated current is 6A, and the switch can be normally open or normally closed. It is widely used in refrigeration units, various air conditioners, air compressors, oil pumps and other industrial equipment that need to adjust the pressure of the medium by themselves to protect the pressure system.

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Note: Replaceable connector can be found in Appendix 1

Dimension in:mm

LF08M Order Ref NO

LF08M-1 01C-0.2-0.3MPa

A BCD Pressure setting: On value :0.2MPa, Off value :0.3MPa

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

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-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	LF08M			
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	
	0.2 ≤ 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			
Medium	Air, water, oil, lubricants, refrigerants and other similar hydrocarbons			
Service life	Mechanical life: 100,000		Electrical life: 30,000 (UL, CE)	
IP level	Ip67			

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

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