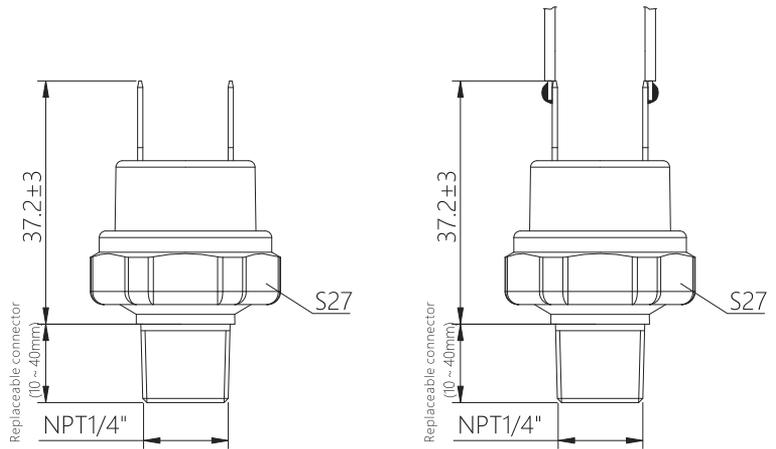


LF08D

Small multi-purpose
Pressure switch



LEFOO



Note: Replaceable connector can be found in Appendix 1

LF08D series pressure switch is a switch with automatic reset design. With a wide pressure setting range, it can be applied to different requirements. It is used for air, water pressure control, electrical refrigeration equipment, indoor air conditioners or internal circuits of indoor cooling devices, domestic cooling systems, and internal circuits of long-distance outdoor condensing devices. Typical applications: High-pressure shutdown switch/air-conditioning/freezing equipment.

LF08D Order Ref NO

Dimension in:mm

LF08D-1 01C-0.2-0.3MPa

ABCD

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

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

②Less than 0.6MPa can be no pressure differential on customers' request.

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

Specification

Model	LF08D			
Pressure setting range (gauge pressure)	0.02MPa to 2.0MPa; 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	±0.03MPa	2.0MPa	
	1.0 ≤ <2.0MPa	±0.05MPa	3.0MPa	
Burst pressure (gauge pressure)	5MPa×1min, no damage, leakage			
Operating temperature	Ambient temperature		Medium temperature	
	Low pressure:-40°C~65°C	High pressure:-40°C~80°C	Low pressure:-40°C~80°C	High pressure:-40°C~100°C
Electrical parameter	24~250VAC/0.02~15A; 8~36VDC/0.02~15A(UL)			
	120VAC/15A; 250VAC/15A(CE)			
	Note: The maximum current is 0.5A if it's no differential pressure version to ensure electrical life			
Medium	Air, water			
Service life	Mechanical life:100,000		Electrical life:30,000(UL,CE)	
IP level	Ip67			
Certification	CE,UL			

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