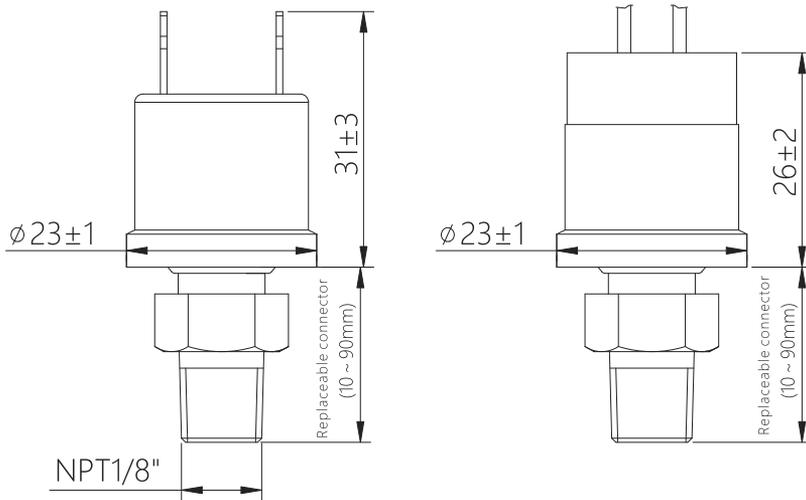


## LF08V

Small vacuum  
Pressure switch



Note: Replaceable connector can be found in Appendix 1

Dimension in : mm



LF08V series pressure switch is designed automatic reset switch, used in vacuum environment, vacuum system applicable to electric car.

### LF08V Order Ref NO

LF08V-1 0 1 C--0.05--0.07MPa

A B C D Pressure setting: On value : -0.05MPa, Off value : -0.07MPa

Note: ①The on-value is at front, and the off-value is at back  
②No pressure differential is not available

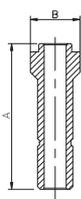
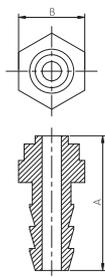
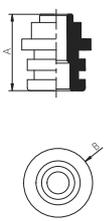
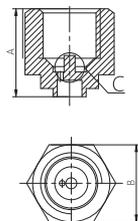
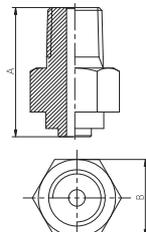
Code	A Electrical connection type	B Pressure connection type	C Interface material	D Electrical circuit
1	1-Wire type	0-Other (rod/barb)	1-Stainless steel	C-SPST(NC)
2	2-Blade type	2-M thread (below M10)	2-Brass	O-SPST(NO)
3	/	3-M thread (above M12)	/	/
4	/	4-NPT thread	/	/
5	/	5-R thread	/	/
6	/	6-G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

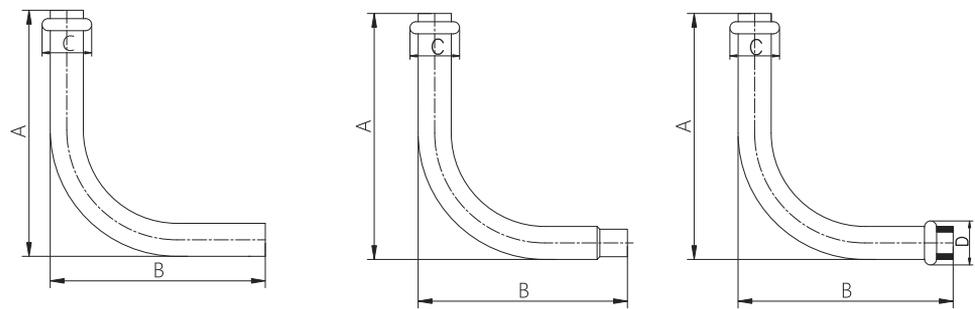
### Specification

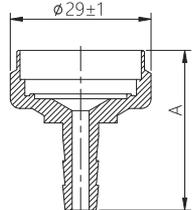
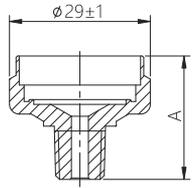
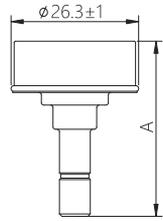
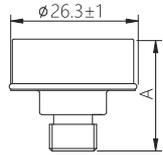
MODEL	LF08V		
Pressure setting range (gauge pressure)	-0.09MPa to 0MPa		
Operating pressure /Tolerance/ Withstand pressure (gauge pressure)	Operating pressure value	Tolerance	Withstand maximum pressure
	-0.09≤<0MPa	±0.02MPa	1.0MPa
	Pressure differential≥0.025MPa		
Burst pressure (gauge pressure)	34.5MPa×1min, no damage, leakage		
Operating temperature	Ambient temperature	Medium temperature	
	-20~65°C	-20~65°C	
Electrical parameter	24~50VAC/0.02~3A; 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	
IP level	Ip67		

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

## Appendix 1: Process connection size table

08 connector				
Quick fitting			Female	Male
 <p>A:20-40mm B:7-20mm</p> <p>Material is brass, stainless steel</p>	 <p>A:10-40mm B:12-21mm B available without hexagon</p> <p>Material is brass, stainless steel</p>	 <p>A:10-40mm B:10-25mm</p> <p>Material is brass, stainless steel</p>	 <p>A:10-30mm B:12-24mm C pin can be removed</p> <p>Material is brass, stainless steel</p> <p>Thread specifications: NPT thread, R thread, G thread, UNF thread, M thread</p>	 <p>A:10-30mm B:12-24mm</p> <p>Material is brass, stainless steel</p> <p>Thread specifications: NPT thread, R thread, G thread, UNF thread, M thread</p>

08 connector	
Copper tube	
 <p>A:20-100mm B:∅8-10mm</p>	 <p>A:30-80mm B:20-60mm C: ∅8-10mm D: ∅6-9mm</p>

08D connector		08E connector	
Quick fitting	Male	Quick fitting	Male
 <p>A:20-40mm</p>	 <p>A:20-40mm</p>	 <p>A:20-40mm</p>	 <p>A:15-40mm</p>