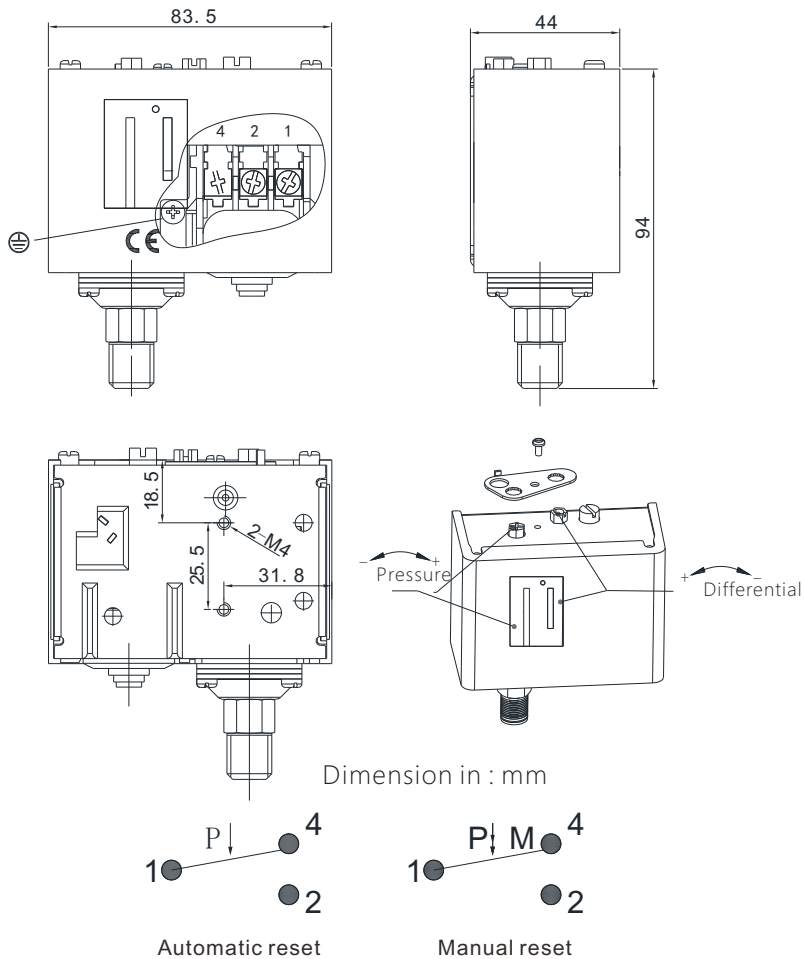


LEFOO



LF55V

Vacuum pressure switch



LF55V pressure controller is a kind of pressure protection device specially designed for vacuum pressure control of refrigeration or other mechanical systems to prevent the fault caused by air leakage into the system when the degree of vacuum is too low in the system. It is a kind of dynamic controller which acts by receiving the pressure signal. In the refrigeration device, when the low pressure end of the compressor is lower than the set pressure value the pressure controller will send an electrical signal to cut off the circuit and stop the compressor for safety protection. This pressure controller is not only suitable for refrigerant but also for controlling pressure of gas, water, and oil. The internal elastic structure ensures the good performance of the switch. The switch is equipped with a standard mounting bracket.

LF55V Order Ref No.

LF55V -1 1 1 1 1-0.7/0.4

A B C D E Action pressure:-0.7bar , Reset pressure:-0.4

Numbe	A Reset Type	B Connection Type	C Connection specifications	D Cover color	E Bracket type
1	Automatic reset	Male	7/16UNF(1/4SAE)	White	L bracket
2	manual reset	Female	G1/4	Blue	Flat bracket
3			R1/4		U bracket
4			NPT1/4		None
5			M12*1.25		

Specification

General	Value
Pressure and differential range	Pressure range :-1-0bar,Differential:-0.15-0.5bar
Medium	R22/R134a/R404A/air/liquid etc
Connection material	Nickel plated copper,Other materials such as stainless steel which need to be customized.
Contact arrangement	SPDT
Electrical rating	240VAC/FL8A LR48A 120VAC/FL16A LR96A
Contact material	Moving contact: silver plated; Static contact: all silver
Environment temperature	-20~65°C
Medium temperature	-40~120°C
Protection grades	Ip20 & IP44(with bracket and cover)IP55(with protection cover)
Maximum working pressure	3bar
Voltage withstand	No Breakdown at 2000V for 1 minute
Cable interface	6-14mm diameter cable sealing interface