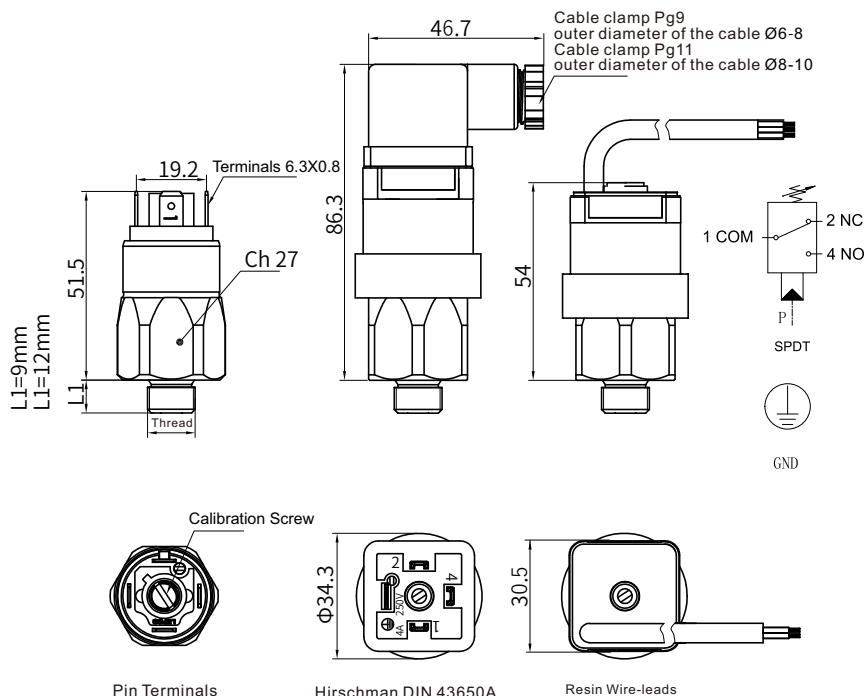


LF727

Pressure switch



Dimension in : mm

In the industrial and automotive fields, a certain pressure value is usually set for the equipment. When the pressure reaches this value, the system will send an electronic signal to start the mechanical equipment which triggers a warning (such as a leak of equipment, an alarm, etc.). According to the pressure requirement, it is divided into diaphragm type and plunger type. The thread of connector can be customized. Contact type: SPDT.

LF727 Order Ref NO

LF727- 1 1 1 1 1 1 -3bar

A B C D E F

Number	A Thread	B Body Material	C Sealing Material	D Electric Terminals	E Pressure Range	Tolerance	F Pressure Direction
1	G1/8 Male	Brass	H F E N	Pin Terminals	0.3-1.5bar (Diaphragm Type)	±0.2bar	Increasing
2	NPT1/8 Male	1	N K P B	DIN 43650A PG9	1-6bar (Diaphragm Type)	±0.5bar	Decreasing
3	R1/8 Male	2	B M D R	DIN 43650A PG11	5-20bar (Diaphragm Type)	±1bar	
4	M10X1 Male	3	R 2 3 4	Resin wire-leads	15-50bar (Diaphragm Type)	±2bar	
5	UNF7/16 Male		1 2 3 4		30-100bar (Plunger Type)	±5bar	
6	G1/4 Male			P D F E	50-150bar (Plunger Type)	±10bar	
7	NPT1/4 Male				100-200bar (Plunger Type)	±15bar	
8	R1/4 Male						
9	G1/2 Male						
10	Customized Base						

The colored selection range corresponds horizontally to the pressure range

Specification

General	Value
Body Material	Brass (available ≤30bar) / Zinc-plated steel (available ≤50bar) / Stainless steel
Max Voltage/Max Current	250VAC/4A, 24VDC/4A
Working Temperature Range	-40°C ~ +100°C (Varies on the sealing materials)
Mechanic Life Endurance	1 million (Diaphragm type's max pressure ≤50bar)
Electric Life Endurance	100 thousand
Protection level	Terminals IP00, Hirschmann IP65, resin wire-leads Ip67
Certification	CE
Max Working Pressure	Diaphragm type: 150bar (brass 40bar) Plunger type: 450bar
Burst Pressure	Diaphragm type: 300bar (brass 80bar) Plunger type: 600bar
Weight	~140g

Conversion: 1bar=0.1MPa 1bar=14.5psi