



Pressure switch



In the industrial and automotive fields, a certain pressure value is usually set for the equipment. When the pressure value is reached, the system will send an electronic signal to make the mechanical equipment start to work or give a signal (such as equipment leakage, alarm, etc.). This can be done with a pressure sensor called a pressure switch. This is a plunger pressure switch, the safety overpressure does not exceed 800bar, and the thread can be customized.

LF730-11111-200bar

A B C D E F

Number	Body material	Thread (X3)	Contact	pressure range	pressure direction	Wiring methods
1	A Stainless Steel (304)	B NPT1/4 male	C SPST-NO	D 100-300	E rise	F DIN 43650A Hirschmann
2	brass	UNF7/16 male	SPST-NC	200-500	decline	DIN 43650A blade only
3		G1/4 male	SPDT			blade only
4						German standard DOT4-2P
5						German standard DOT4-3P(A+B)
6						AMP superseal
7						M12×1 DIN EN61076-2-D(1+3)
8						DIN72585

General	Value
Body	Brass/Stainless Steel
Electrical contacts	Silver cadmium, (gold plated optional)
Electrical parameters	5 (2) A 125/250VAC; 4A 30VDC (250VAC 10A optional)
Ambient temperature	-25°C~66°C
Medium temperature	-30°C~100°C
Mechanical endurance	1 million times
Electrical endurance	50,000 times
Hysteresis	10%-20% set point
External contamination	normal
normal	DIN 43650A Hirschmann IP65; others IP67 (wire methods 3-8)
Applicable regulations	EN 60730-1
Maximum working pressure	800bar
Maximum safety pressure	1000bar
Weight	~320gr