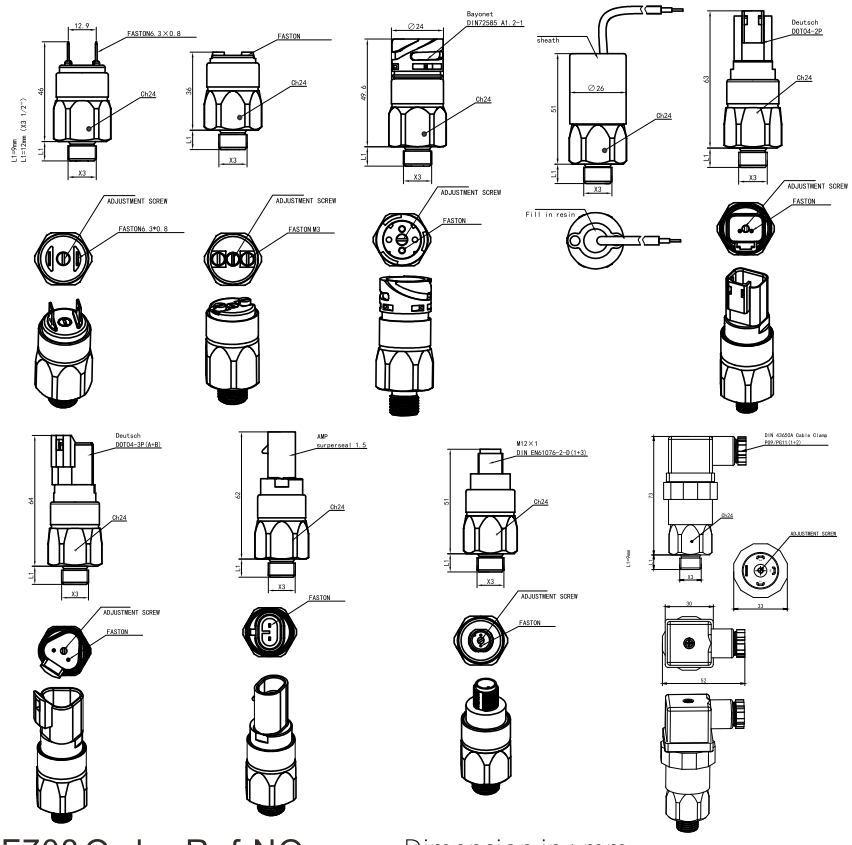
LEFOO

LF708

Pressure switch



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.). This is Diapgragm type pressure switch. The max pressure can not be exceeded to 300bar,SPDT.

LF708 Order Ref NO

Dimension in : mm

LF708-11111111-3bar

A B C D E F G H

Number	A Connection (X3)	B Body Material	C Diaphragm	D Electric Terminals	E Cover	F Circuitry	G Pressure Range	H Pressure Direction
1	G1/8 Male	Zinc plated steel	NBR	1/4 Blade	No	NO	1-5bar±0.3bar	Increasing
2	NPT1/8 Male	Stainless steel	FKM	M3 Screws	Up	NC	1-10bar±0.5bar	Decreasing
3	M10*1 Male	Brass	EPDM	Clip DIN72585	Side		10-20bar±1bar	
4	UNF7/16 Male		HNBR	Resin wire leads			20-50bar±2bar(Except brass)	
5	G1/4 Male		VMQ	DOT4-2P				
6	NPT1/4 Male			DOT4-3P(A+B)				
7	G1/2 Male			AMP surperseal				
8	G1/4 Female			M12×1 DIN EN61076-2-D(1+3)				
9	M12*1.5 Female			DIN 43650A Cable Clamp(1+2)				

Specification

General	Value
Body Material	Zinc plated steel/Stainless steel/Brass
Contact	Silver cadmium alloy/gold plated is available
Max Voltage	42V / MAX100VAC
Max Current	4A
Working Temperature Range	−40°C--+100°C(Different Diaphragm)
Mechanic Life Endurance	10^{6} times
Electric Life Endurance	10^{5} times
Pollution Situation	Normal
Protection level	IP00(Terminal 1-2),IP67(Terminal 3-8),IP65(Terminal 9)
Upper cover	IP54(Termial 1-2)
Side cover	IP55(Termial 1-2)
Applicable Rule	EN 60730-1
Max Working Pressure	Zinc plated steel/Stainless steel: 160bar Brass:40bar
Burst Pressure	Zinc plated steel/Stainless steel: 300bar Brass: 80bar
Weight	~85gr

Conversion:1kgf /cm=14.2psi 1bar=14.5psi