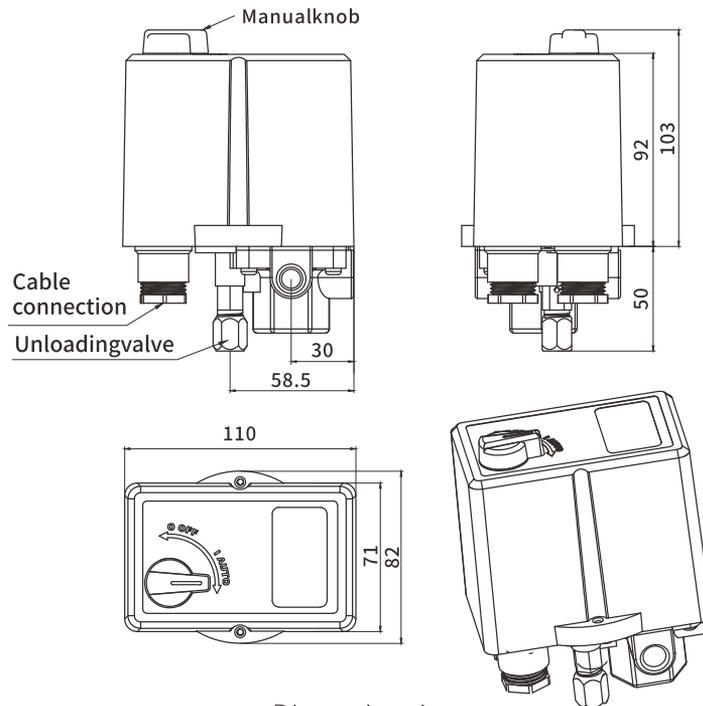


## LF12 Air Pressure Switches



Dimension in:mm

LF 12 is three phase pressure switch ,used for air compressor and water pump to regulate pressure between two preset values. It is available with an unloader valve,which prevents compressor from starting under load and an On-Off knob for manual cut off the compressor or pump. A four port manifold style is available ,which makes easy mounting of other parts for air compressor ,like valve and gauge. LF12 is available with thermal relay for overload protection.The relay will cut off the motor power timely to prevent the motor from burning when motor is overloaded.

### LF12 Pressure Range

Model	Operating Pressure Range	Differential Range	Factory Setting
LF12	1-6bar	0.7-2bar	2/3bar
	3-11bar	1.5-3.5bar	6/8bar
	6-16bar	2-7bar	9/12bar
	5-25bar	3-8bar	16/20bar
	12-35bar	3-8bar	25/30bar

### LF12Order Ref NO

LF12-1-1-1-1-1

A B C D E

NO.	A Connection Type	B Female Connection Size	C Unloader Valve Type	D Unloader dimensions	E Current ranges
1	Single port	G1/4+3*G1/4	No unloader valve	without	2.5-4A
2	Four port	R1/4+3*R1/4	Vertical M12 (Brass)	φ6.0-φ6.1	4-6.3A
3		1/4NPT+3*1/4NPT	Vertical φ6 tube quick connection (brass)	φ6.4-φ6.5	6.3-10A
4		G3/8+3*G1/4	vertical oil resistant M12 (brass)		10-16A
5		R3/8+3*R1/4	Vertical Oil Resistant φ6 Tube Quick connection (Brass)		16-20A
6		3/8NPT+3*1/4NPT	vertical oil resistant M12 (zinc alloy)		
7		G1/2+3*G1/4	Level Oil resistant M12 (zinc alloy)		
8		R1/2+3*R1/4			
9		1/2NPT+3*1/4NPT			

PS: Contact us if you have special request

### Specification

Medium	water, air	Operating temperature	-40~82°C (fluid)
Contact	Multi-pole single-throw (normally closed)	Protection class	IP54
Electrical rating	Single-phase 120VAC/10A ;	Cable Specifications	10AWG-14AWG
	230VAC/10A	Contact material	Static contact: silver alloy;moving contact: silver alloy
	Three-phase 120VAC/10A ;	Appendix	Chinese/English manual
	230VAC/10A;	air tightness	no leakage when the switch is held at 1.2 times the maximum working pressure for one minute
	400VAC/7.5A; 400VAC/11A;	usage frequency	It takes 30 minutes to cool down for the thermal relay to start Motor cycle frequency more than 5 minutes