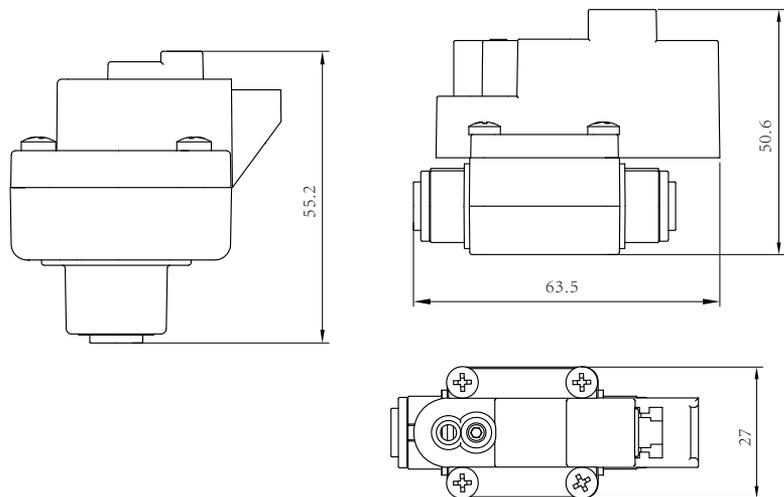


# LF42

Water dispensers high and low pressure switch



Dimension in:mm

LF42 series pressure switch is used in water supply pressure protection of water inlet. This series include two models LF42H(high pressure protection) and LF42L(low pressure protection). LF42H is the high pressure protection switch model. If the pressure of the pressure vessel transferred reaches the setting value while the vessel is full filled with water, the switch will cut off the circuit to make the pump stop. So the pump will not be damaged. LF42L is the low pressure protection switch. If the pressure of water inlet lower than set value, RO will not work and keep dewatering, then the switch will cut off the circuit to make the pump stop. It can prevent the booster pump still working without water which may lead to the damage of the circuit. If the pressure of the water inlet returns to the lowest set volume, the pump will work again.

## Specification

Model	LF42H	LF42L
Media	water	water
Pressure set range	cut off pressure: 2.5bar±0.5bar cut in pressure: 1.5bar±0.5bar	cut off pressure: ≤0. 1 bar cut in pressure: ≥0. 2 bar
Proof pressure	18bar	18bar
Durability	>40000 cycles	>40000 cycles
Working temperature	5~45°C	5~45°C
Switch type	Microswitch , normal close	Microswitch , normal open
Electrical rating	Voltage: 250V AC Current: 16A	Voltage: 250V AC Current:16A
Terminal	4.8*0.8 blade	4.8*0.8 blade
Connector	A quarter fast interface	A quarter fast interface

Conversion: 1bar=14.5psi 1MPa=10bar