# LF10 Pressure Switch Manual

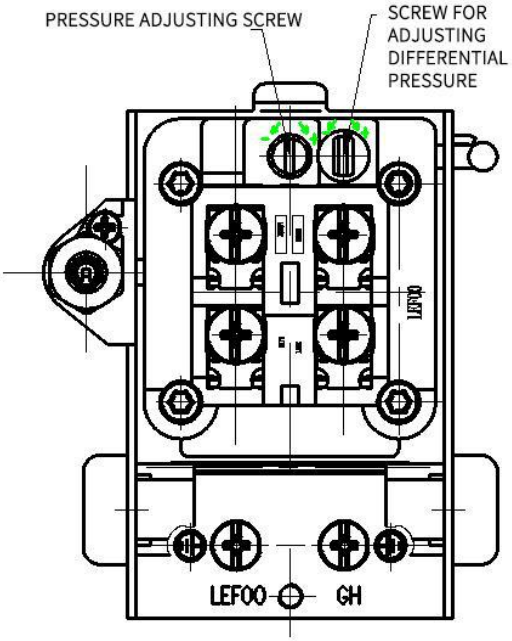


Figure 1

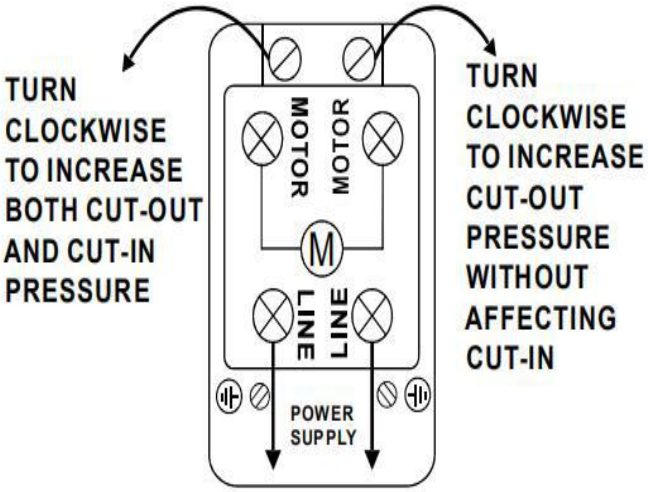


Figure 2-1

## Pressure regulating device:

As shown in Figure 1, by turning the pressure adjusting screw, the start-up pressure and the stop-down pressure can be adjusted at the same time. The pressure increases in the clockwise direction and decreases in the counterclockwise direction.

Note: Please adjust the pressure within the pressure adjustment range.

As shown in Figure 1, by turning the pressure differential adjusting screw, the switch pressure differential (the difference between the stop pressure and the start-up pressure) can be adjusted. During the adjustment, the start-up pressure remains unchanged, while the stop pressure increases in the clockwise direction and decreases in the counterclockwise direction.

Note: The pressure differential range that can be adjusted by the pressure differential adjusting screw is 1BAR.

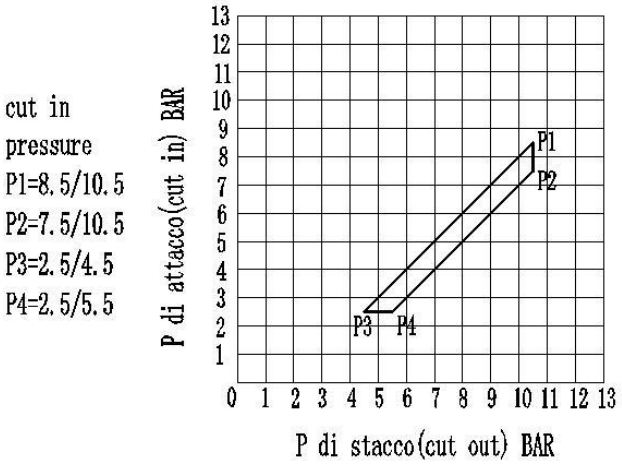


Figure 2-1

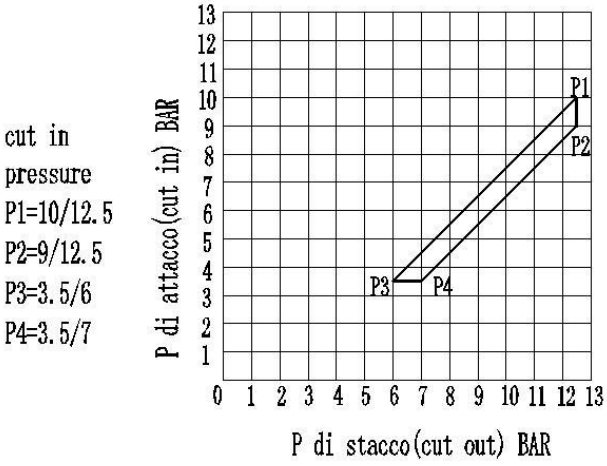


Figure 2-2

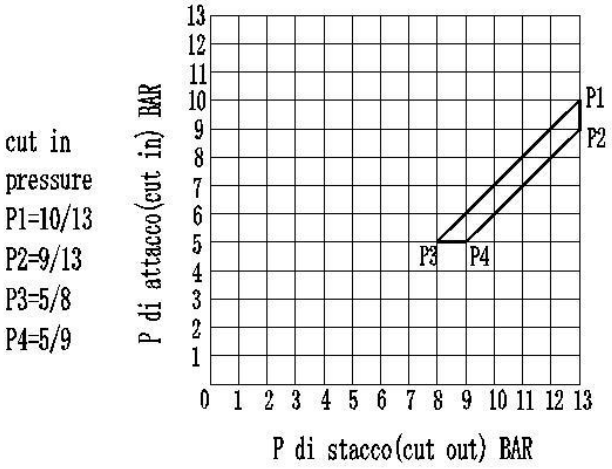


Figure 2-3

| Model | Pressure Adjustment Range (Bar) | Pressure Adjustment Range (Bar) | Factory settings (Bar) | Remark |
|---|---|---|---|---|
| LF10 | 2.5-10.5 | 2.0-3.0 | 6.0-8.0 | Figure 2-1 |
| | 3.5-12.5 | 2.5-3.5 | 7.5-10.5 | Figure 2-2 |
| | 5.0-13.0 | 3.0-4.0 | 9.0-12.5 | Figure 2-3 |

Chart 1

## Working Parameters:

Rated voltage/current: 120VAC/20A, 240VAC/12A;

Working temperature range: -15-80℃;

Mechanical life: 100,000 times;

Electrical life: 30,000 times;

Protection level: IP20;

The handle can be used to manually cut off the air compressor. As shown in Figure 3-1, the switch is in AUTO state, and as shown in Figure 3-2, the switch is in OFF state;

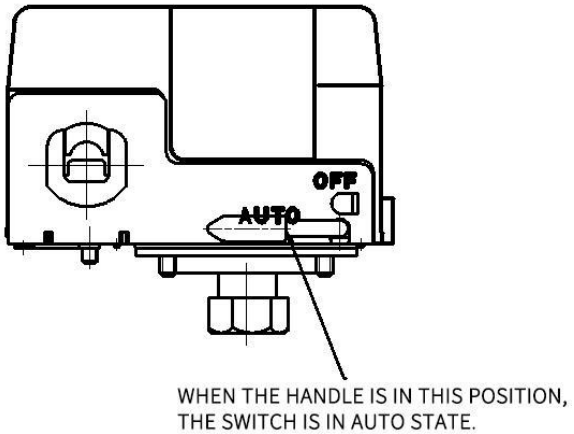


Figure 3-1

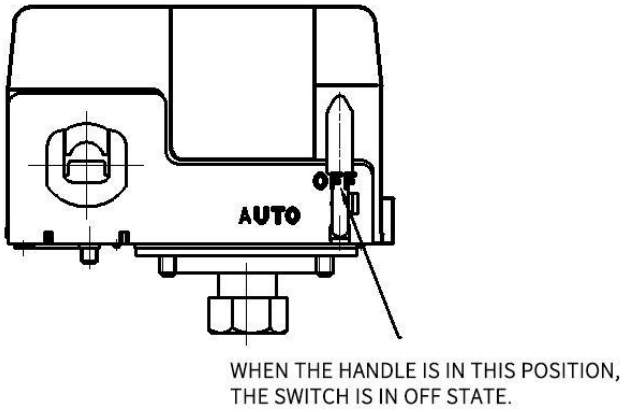


Figure 3-2

The appearance and dimensions are shown in Figure 4:

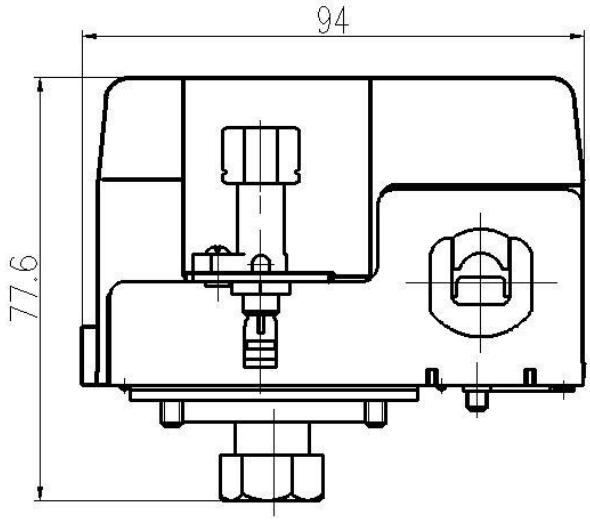


Figure 4

The switch external parts are shown in Figure 5:

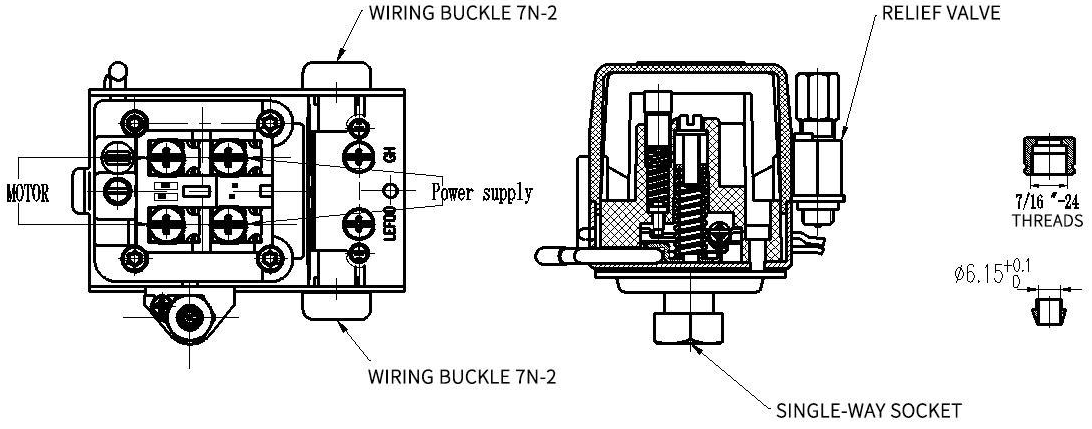


Figure 5