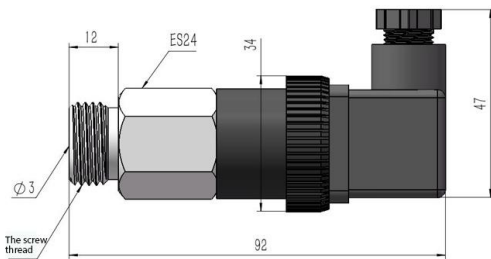
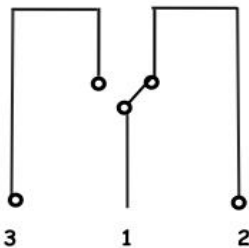


**Size chart**



**The wiring diagram**



**The principle of structure**

The built-in piston is connected with a precision spring. When the pressure changes, the spring expansion will change accordingly. When the pressure reaches the set value, the preset mechanical structure will be triggered and the switch signal will be issued.

**The characteristics of**

Compact structure, using DN standard plug, wiring is extremely convenient, measuring 0-400bar). High overload capacity (up to 1230bar), high repeatability, normally open or normally closed contacts, gold-plated contacts, large contact capacity. Can be used for water, oil, gas pressure measurement.

**Technical parameters**

- Measuring range : See the table below
- hysteresis : 10... 20% set point (25%-35%, 1%-5% optional)
- error : (3% set point)
- The output: Normally open + normally closed contacts are gold-plated  
 DC42V,1A  
 DC115V,0.15V  
 DC42V,3A  
 DC125V,3A  
 DC250V,0.5A
- Medium temperature : - 20... 85 (- 40... 160 ° C optional) IP65
- Protection to protect : Terminal connection
- Connection mode: Iris: NBR
- material : Piston: Steel piston with NBR seal process connection: galvanized steel/stainless steel Shell: Engineering plastic

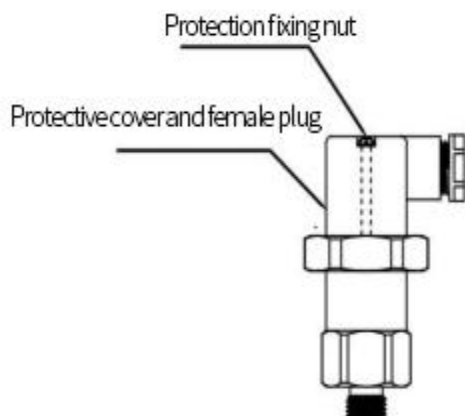
**Selection table**

Interface material	model	Maximum allowable pressure (bar)	Set the range	error	Fixed hysteresis	The weight of the
diaphragm	P20-02.5	300	0.2...2.5	3% of the set value	15%... 25% of the set value	0.1Kg
	P20-005	300	0.8...5.0			
	P20-012	300	1...12			
	P20-050	300	5...50			
piston	P20-100	600	10...100	3% of the set value	15%... 25% of the set value	0.1Kg
	P20-200	600	20...200			
	P20-400	600	50...400			

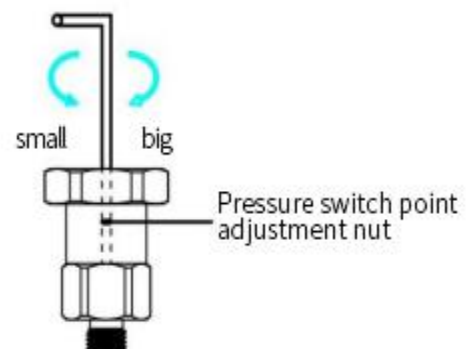
Selection table

P20	012	L	G12	H	R	detail ed
-	02.5					Measuring range : 0.2...2.5
	005					Measuring range : 0.8...5
	012					Measuring range : 1...12
	050					Measuring range : 5...50
	100					Measuring range : 10...100
	200					Measuring range : 20...200
	400					Measuring range : 50...400
		L				copper
		X				Stainless steel304L
			G12			Interface threadG1/2
			G14			Interface threadG1/4
			G18			Interface threadG1/8
			N14			Interface threadNPT1/4
			N18			Interface threadNPT1/8
			M12			Interface threadM12x1.5
			M14			Interface threadM14x1.5
			M20			Interface threadM20x1.5
				H		Interface thread External thread
					R	Normally open + normally closed output

Adjust the way



Step 1: Loosen the protective cover fixing nut with a screwdriver and remove the protective cover and female plug (do not rotate the Hersman joint around to avoid breaking the internal line)



Step 2: Adjust the pressure switch point with a screwdriver as shown in the figure above, increasing it clockwise and decreasing it counterclockwise