

Mechanical Pressure Control Switch



The image shows a black mechanical pressure control switch with a silver metal body. The switch has a threaded inlet on the top and a threaded outlet on the side. A white label on the silver body provides technical specifications.

CE RoHS ISO 9001 SGS FC

- ◆ In: 0.3~300bar
- ◆ Out: NO+NC
- ◆ Thread: M20*1.5

ELPS200 Pressure Switch
Range: 5~50bar Max: 3A/125Vac
Output: NO+NC Thread: NPT1/4
1-50cm, 2-NC, 3-NO

For Water/Gas/Oil/Liquid

Mechanical Pressure Switch

Product Description



Pressure Switch

Normal open & Normal closed double contact mechanical pressure switch

- ✓ Diaphragm piston
- ✓ SS304 material
- ✓ Normal open & normal closed



1>>. ELPS200 Pressure switch uses built-in micro switch, induction from hydraulic system pressure convey the electrical signal to electromagnetic directional valve or electric motor make it change direction or warning, closed circuit, in order to achieve the effect of system protection.

2>>. ELPS200 Pressure switch uses liquid pressure to open or close electrical contact hydraulic electrical interface element. When the system pressure to achieve value of pressure switch setting, a signal, make electrical components action, make the oil pressure relief, reversing, execute component real time order action, or closed motor make the system to stop working, and the safety protection.

Technical Specifications



Product Parameters

Product name	Mechanical Pressure Switch
Pressure range	0.5~400 bar
Delaying	10~20% set value
Error	3% set value
Output signal	NO+NC
Power supply	≤ DC 42V, 1A
	≤ DC 115V, 0.15A
	≤ AC 42V, 3A
	≤ AC 125V, 3A
	≤ AC 250V, 0.5A
Medium temperature	-20~85°C
IP grade	IP65
Wiring mode	Terminals wiring
Material	Diaphragm (≤12bar): NBR
	Piston (>12bar): Steel piston with NBR seal
	Process connection: Galvanized steel
	Shell: Engineering plastic

Product Features



Product Features

● Best selling points



✓ Anti frequent action,
long service life

✓ Low pressure alarm,
high pressure alarm

✓ Action point can be adjusted,
single action point can
be controlled

✓ Control equipment start & stop,
sensitive response,
strong overload capacity

● Refined steel forging SS304 material

High reliability



Strong durability

Long wear resistance



• Applicable to many working conditions



Water pressure

Gas pressure

Liquid pressure

Oil pressure



● Convenient and Fast installation

Adopt DIN standard Hirschmann connector, convenient wiring.



Switch



Piston

Product Selection



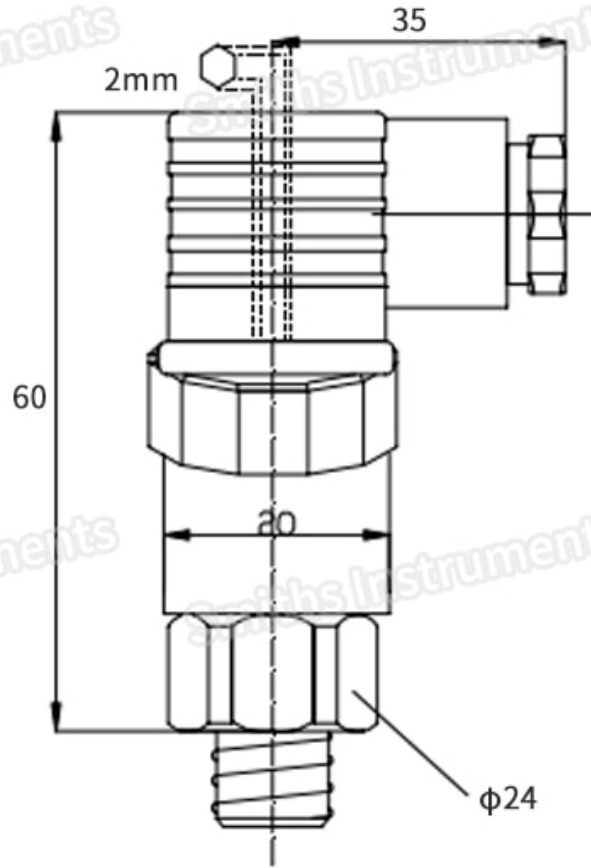
Product Selection

Model	ELPS200		
Measuring range	P1: 0.2~2.5bar P4: 5~50bar	P2: 0.8~5bar P5: 10~100bar	P3: 1~12bar P6: 20~200bar
Output signal	O1: NO + NC		
Thread	T1: M20*1.5 T4: G1/8	T2: G1/2 T5: NPT1/4	T3: G1/4 T6: Customized
Material	M1: SS304	M2: SS316	M3: Customized
ELPS200 P3 O1 T1	eg: ELPS200, measuring range 1~12bar, output NO+NC, thread M20*1.5		

Product Dimension



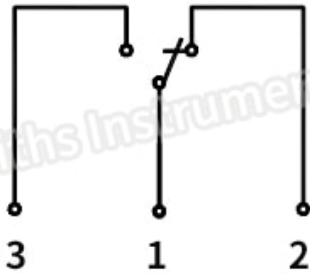
Product Dimension



Product Wiring & Adjustment



Wiring & Adjustment



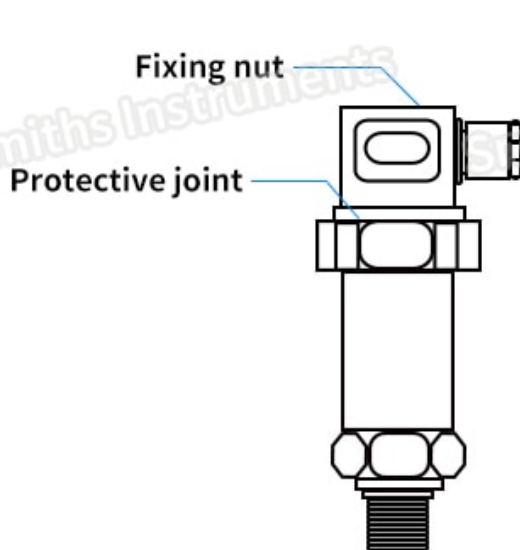
Unscrew the screw
remove the plug



Clockwise to
increase pressure

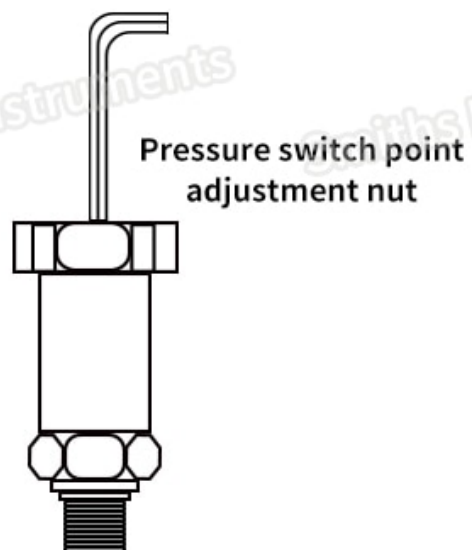


Anti clockwise to
decrease pressure



Fixing nut

Protective joint



Pressure switch point
adjustment nut

Step 1: Loosen the fixing nut with a screwdriver, remove the Hirschmann connector.

Step 2: Adjust the pressure open&close point with the hexagonal wrench we provided

(DO NOT rotate the connector when remove it, to avoid the internal circuit from being turned off)
The pressure can be increased in clockwise direction , while decreased in anti clockwise direction.

Product Application

Product Application



Constant pressure
water supply



Heat dissipation
& ventilation



Chemical automatic
control



Real Product Pictures

