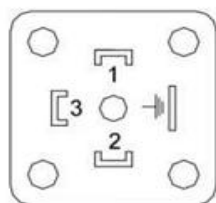
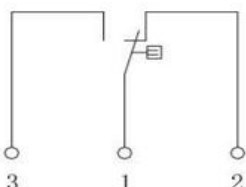


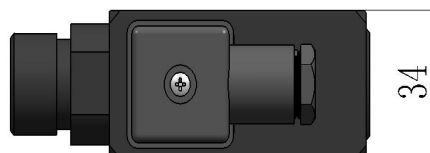
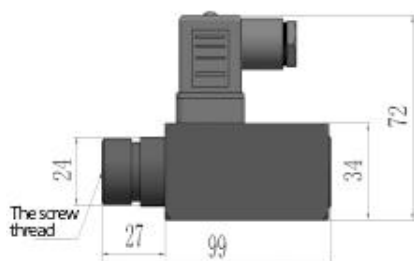


wiring diagram



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dimension figure



principle and characteristics

Pressure switch adopts thin film (low pressure) or piston (high pressure) measuring element, can be used for gas or liquid pressure detection. When the pressure reaches the set value, the moving parts trigger a spring-supported microswitch. Can be installed in plate type. Can measure neutral gas, air, lubricating oil, oil and other media.

- ◆ Maximum pressure 250bar
- ◆ set the range from 6... 40 bar to 40... 250bar
- ◆ High repeatability
 - outer steel shell
- ◆ Contact capacity 250VAC,3A
- ◆ Compact design, compact size
- ◆ dual gas-liquid type
- ◆ SPDT output (normally open + normally closed)

technical specification

- ◆ Measurement medium: liquid or gas pressure
- ◆ Adjustment range: see the technical parameters for details
- ◆ Repeatability: $\leq \pm 3\%$ (related to the set value)
- ◆ Output mode: gold-plated contact micro switch
- ◆ SPDT switch capacity: No signal light: 30VDC,2A 250VAC,3A
With signal light: 24-250V,0.6A
- ◆ Adjustment mode: inner hexagon screw
- ◆ Switch operation frequency: MAX.100 times/min
- ◆ Ambient temperature: -20... 85 °C
- ◆ medium temperature: -20... 80 °C
- ◆ materials: Contact material: NBR, aluminum/steel/stainless steel
Process connection: aluminum/steel/stainless steel optional
- ◆ Outgoing mode: solenoid valve joint

Selection table

| PN10- | 1 | G4F | L | 1 | B | withstand voltage (bar) | specification |
|-------|---|------|---|---|---|---------------------------|--|
| PN10- | | | | | | | PN10 series mechanical adjustable pressure |
| | 1 | | | | | 150 | Adjustable range: 6--40bar (87--580psi) |
| | 2 | | | | | 150 | Adjustable range: 10--70bar (145--1015psi) |
| | 3 | | | | | 250 | Adjustable range: 20--150bar (29--2175psi) |
| | 4 | | | | | 250 | Adjustable range: 40--250bar (87--3625psi) |
| | | PT4F | | | | | PT1/4 threaded internal connection |
| | | G4F | | | | | G1/4 internal thread connection |
| | | | X | | | | Shell material: stainless steel |
| | | | L | | | | Shell material: alumina |
| | | | | 1 | | | Liquid material: aluminum |
| | | | | 2 | | | Liquid connection material: brass |
| | | | | 3 | | | Liquid material: stainless steel |
| | | | | | A | | With the signal lamp |
| | | | | | B | | No signal lamp |

* The selection table is only available for parameter selection, and the corresponding code is delivered.