

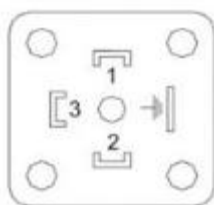
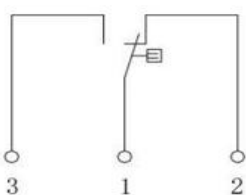


principle and characteristics

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 80bar
- ◆ set the range from 0.5... 2 bar to 2... 20bar
- ◆ High repeatability
- ◆ Anodized alumina housing
- ◆ Contact capacity 250VAC,0.6A
- ◆ Compact design, compact size
- ◆ dual gas-liquid type
- ◆ SPDT output (normally open + normally closed)

wiring diagram

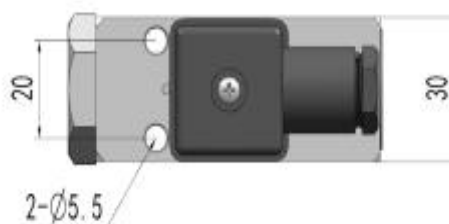
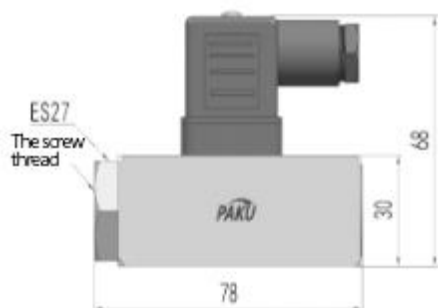


Solenoid valve plug

technical specification

- ◆ Measurement medium: liquid or gas
- ◆ Pressure adjustment range: see technical parameters for details
- ◆ Repeatability:  $\leq \pm 3\%$  (related to the set value)
- ◆ Output mode: gold-plated contact micro-switch SPDT
- ◆ contact 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: Housing: anodized aluminum oxide  
Contact material: NBR, aluminum  
Process connection: aluminum/steel/stainless steel
- ◆ Line mode can be selected: solenoid valve joint

dimension figure



Selection table

PN10D-	1	G4F	L	A	withstand voltage ( bar/psi )	specification
PN10D-						PN10D series mechanical adjustable pressure switch
	1				80 ( 1160 )	Adjustable range: 0.5--2bar (7.25--29psi)
	2				80 ( 1160 )	Adjustable range: 1.5--8bar (21.75--116psi)
	3				80 ( 1160 )	Adjustable range: 2--20bar (7.25--290psi)
		PT4F				PT1/4 internal thread connection
		G4F				G1/4 internal thread connection
			L			Shell material: alumina
				A		With the signal lamp
				B		No signal lamp

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