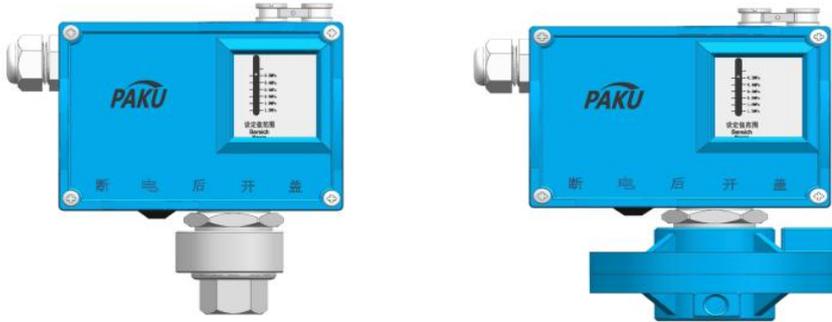
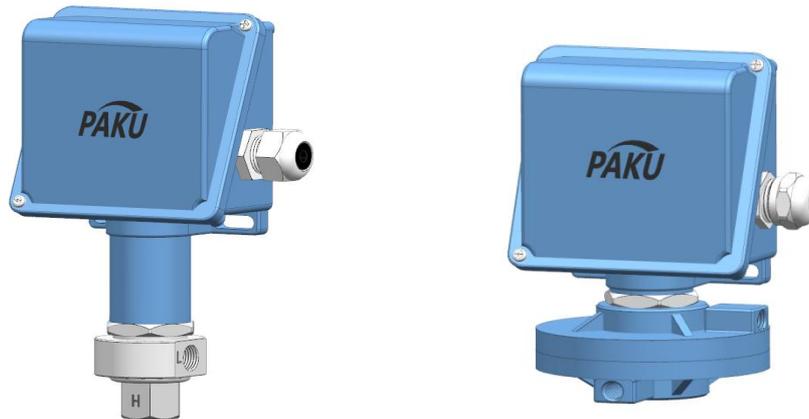


A



B



principle and characteristics

The controller adopts diaphragm type differential pressure sensing element. The ordinary type can be used for the pressure difference between the same pressure source or different pressure sources of the media such as gas, liquid or steam which corrodes the pressure sensing element.

Explosion-proof product explosion-proof mark for EXED 11CT6, can be used for the pressure sensor without corrosion 11CT6, the role of gas, liquid or steam media 11 A, 11B, 11C class T1-T6 group of explosive gas mixture field of the same pressure source or different pressure source pressure difference. The set value of the controller is adjusted from 0.001-1.6MPa.

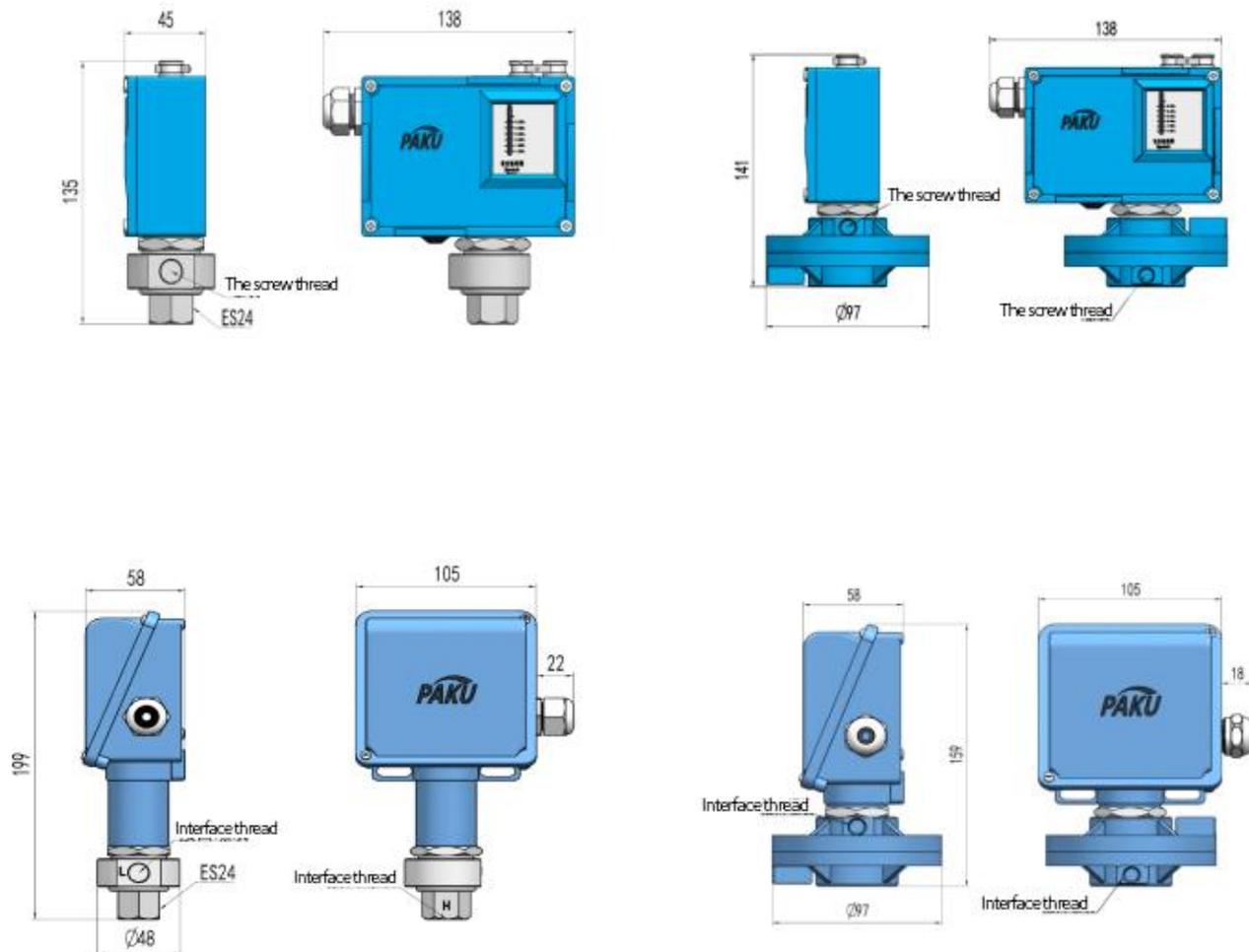
Main Paramete

	Ordinary-sized	explosion proof type
Work viscosity	$\leq 10^{-3} \text{m}^2/\text{s}$	$\leq 10^{-3} \text{m}^2/\text{s}$
switch element	microswitch	microswitch
anti-hazard classification		EXedII CT6
enclosure protection class	IP67	IP67
environment temperature	-25°C...80°C	-25°C...80°C
service life	10^5 loops	10^5 loops
F-WFS	< Max · 2g	< Max · 2g
rated load	Vmax=380V max=5A	Vmax=380V max=5A
Renaturation of error	$\leq 1.0\%$	$\leq 1.0\%$

Range table

Range of code	Range table	slow-moving	switching frequency	Material
K02	0--2KPa	$\leq 30\text{Pa}$	10Times/min	NBR
K06	0.5--6KPa	$\leq 0.2\text{KPa}$	10Times/min	NBR
K025	1--25KPa	$\leq 0.3\text{KPa}$	10Times/min	NBR L
M040	0.02--0.4MPa	$\leq 0.03\text{MPa}$	20Times/min	316L
M160	0.05--1.6MPa	$\leq 0.2\text{MPa}$	20Times/min	316L

Dimensional drawing. Type A



Selection table

PN41-A	M06D	B	1	1	G4K	X	M2	A	specification
PN41-									PN41 series mechanical differential pressure
A1									Model A with display scale
A2									Model A does not have display scale
B									B
	K06								Range: 0.5–6 kpa
	K025								Range: 1–25 kpa
	M040								Range: 0.02–0.4 MPa
	M...								Please refer to the range table, you can also customize the range
	C								Diaphragm material: 316L
	D								Diaphragm material: NBR
		A							anti-explosion
		B							non-flameproof enclosure
			1						SPDT(single pole and double throw)
			2						DPDT(double pole and double throw) – hysteresis is not adjustable
				1					Hysteresis is not adjustable. Hysteresis: 5%–10%
				2					Hysteresis adjustable, maximum 80%; A minimum of 10%
Pressure interface					G4K				Internal thread of interface: G1/4
					M2H				External thread of interface: M20*1.5
					G2H				External thread of interface: G1/2
					G4H				External thread of interface: G1/4
					N2H				External thread of interface: NPT1/2
					N4H				External thread of interface: NPT1/4
Materials						X			304 stainless steel
						XL			
electrical interface							M8		Interface: M18 * 1.5
							M2		Interface: M20 * 1.5
							G2		Interface: G1/2
							G4		Interface: G1/4
							N4		Interface: NPT1/4
							N2		Interface: NPT1/2
							N3		Interface: NPT3/4
Table of medium temperature parameters								A	Under 180 °C
								B	Under 450 °C
								C	normal temperature

* Customizable range.

* Customizable thread, H for external thread, K for internal thread.

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