



principle and characteristics

The pressure switch has built-in bellows and mechanical structure. When the system pressure rises or falls, the corresponding regulating spring and bellows generate extension or contraction displacement, and the lever pushes the switch to cut off or connect the control loop. Compact structure, wide measuring range (0... 30bar), high repeatability, hysteresis adjustable, contact silver plated.

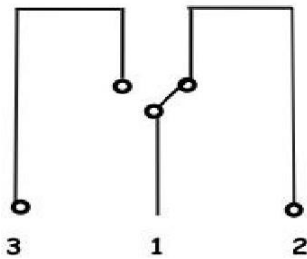
technical specification

- ◆ Measurement range: See the table below
- ◆ Slag: See the table below
- ◆ Error: See the table below
- ◆ Output: normally open + normally closed contacts silver plated

- ≤DC 42V,1A
- ≤DC 115V,0.15V
- ≤DC 42V,3A
- ≤DC 125V,3A
- ≤DC 250V,0.5A

- ◆ medium temperature: -30... 100 °C
- ◆ Protection Protection: IP33
- ◆ Wiring mode: terminal wiring
- ◆ interface thread: M12*1.25
- ◆ Connection material: brass nickel plating
- ◆ Shell: NBR

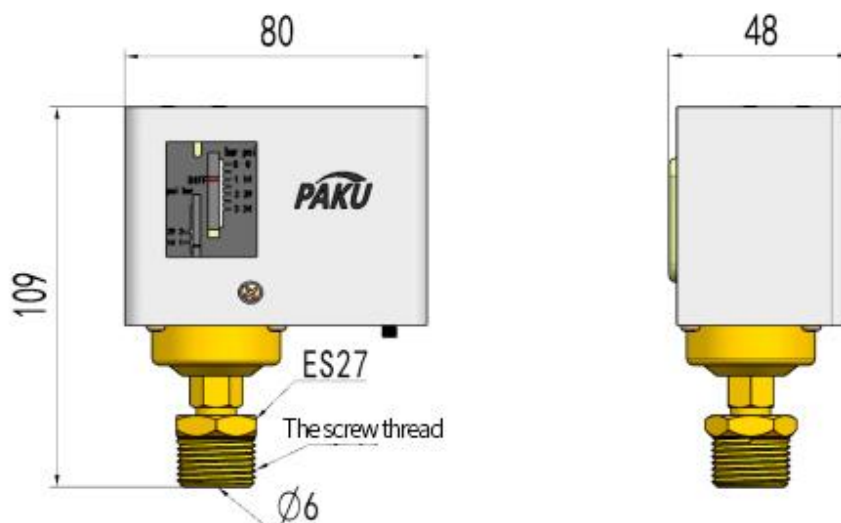
wiring diagram



parameter list

Model	adjustable range (bar)	Adjustable hysteresis (bar)	specification error (bar)	repeatability (bar)
PN330-02MM12H	0--2	0.2--1	± 0.2	0.08
PN330-03MM12H	0--3	0.3--1.2	± 0.2	0.08
PN330-06MM12H	0--6	0.4--1.5	± 0.3	0.10
PN330-10MM12H	1--10	1--3	± 0.5	0.20
PN330-12MM12H	2--12	1--4	± 0.5	0.20
PN330-20MM12H	4--20	1--4	± 1.0	0.35
PN330-30MM12H	5--30	2--8	± 1.5	0.50

dimension figure



Selection table

PN330-	02	M	M12	H	specification
PN330-					PN330 series mechanical adjustable pressure switch
	02				Measuring range: 0--2bar
	03				Measuring range: 0--3bar
	06				Measuring range: 0--6bar
	10				Measuring range: 1--10bar
	12				Measuring range: 2--12bar
	20				Measuring range: 4--20bar
	30				Measuring range: 5--30bar
		M			Liquid part material: brass nickel plating
			M12		Interface thread: M12*1.25
			G12		Interface thread: G1/2
			G14		Interface thread: G1/4
				H	external thread

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