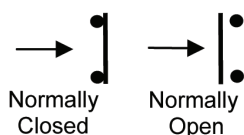


K4 SERIES ADJUSTABLE PRESSURE SWITCH

Up to 600 BAR Rated

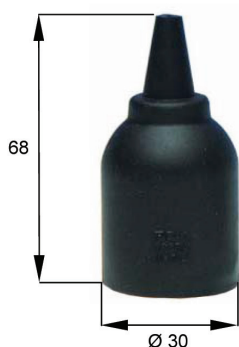
K4 adjustable pressure switches permit opening or closing of an electric circuit upon reaching predetermined pressure value. The preset pressure is found by rotating the external screw located at the centre of the instrument clockwise to increase and vice-versa to decrease the pressure set point value.

Mechanical stops protect both the spring and the micro-switch from over pressurization. The main characteristic of this series is that this miniature pressure switch can be totally dismantled.



Article no.	Adjustable Pressure Range BAR	Max Pressure BAR
K4R	0.2-2.5	25
K4S	1-12	25
K4SP	1-12	300
K4T	5-50	300
K4V	10-100	300
K4Z	20-300	400
K4Y	50-400	600
With 'Fast On' Connections		
SUFFIX 'P'	Rubber Protection Cap	

P1 rubber cap



Technical features

Body: 24 mm hexagonal in zinc-plated carbon steel
 Assembly: in every position
 Working temperature: from -25°C to +85°C
 Switching frequency: 90 cycles/min
 Switching accuracy: ± 5% of end of scale at 20°C
 Setting point: adjustable through an external screw
 Fixed hysteresis value: membrane execution ~ 10% of end of scale at 20°C
 piston execution ~ 20% of end of scale at 20°C
 Y execution ~ 25% of end of scale at 20°C
 Weight: 0.06 Kg
 Mechanical life: 10⁶ cycles at 70 bar (1000 psi) at 20°C

Electric Features

Maximum load: 0.5 A at 250 Volt AC
 0.15 A at 110 Volt DC
 Electric protection according to
 DIN 4005, IP54 with P1 rubber
 protection cap

Also available

- K4X with fluid connection port made in AISI 316 stainless steel
- K4L body in brass
- Seals in Viton, EPDM, PTFE

HOW TO ORDER											
K4							/			/ P1	
Switching pressure range	Execution	P Max	Type of electric contact	Type of Electric Connection	Hydraulic Connection	Body Material	Seal Type	Preset value	Condition	Protection Cap	
	Bar	Bar						Bar			
R	0.2>2.5	Membrane	25	A Normally Open	0 1/8" BSP	X AISI316L	V VITON	Indicate the value if you want the pressure switch already preset in factory	D means falling pressure setting	Accessory on request essential to protect the instrument from dirt, moisture and for to have the IP54 protection	
S	1>12	Membrane	25								1 1/4" BSP
SM	1>12	Membrane	150		F Fast-on 6.3 mm	2 1/8"BSPT	L BRASS				T PTFE
SP	1>12	Piston	300			3 M10x1	B NICKEL PLATED BRASS				E EPDM
T	5>50	Piston	300			4 1/8"NPT					
TM	5>50	Membrane	150			5 ¼"NPT					
V	10>100	Piston	300		O Screw connection	6 ¼"BSPT					
VM	10>100	Membrane	150								
Z	20>300	Piston	400								
Y	50>400	Piston	600		C Normally Closed						
ADJUSTABLE VACUUM SWITCH											
WK4	-0.8>-0.15	Membrane	25								

Highlighted yellow indicates standard option. Others available on request.