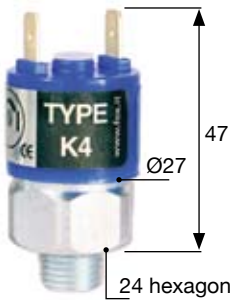




K4 Series - Adjustable Pressure Switch

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	Price £	Price €
K4R	0.2-2.5	25	£24.10	€24.90
K4S	1-12	25	£24.10	€24.90
K4SP	1-12	300	£27.90	€28.70
K4T	5-50	300	£27.90	€28.70
K4V	10-100	300	£27.90	€28.70
K4Z	20-200	300	£27.90	€28.70
K4Y	50-400	600	£34.10	€35.20

With 'Fast On' Connections

SUFFIX 'P'	Rubber Protection Cap	£1.70	€1.80
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Technical features

Body: 24 mm hexagonal in zinc-plated carbon steel
 Assembly: in every position
 Working temperature: from - 20°C to + 80°C
 Switching frequency: 200 cycles/min
 Switching accuracy: ± 5% of the pressure settled to 20°C
 Operating point: adjustable through an external screw
 Fixed hysteresis value: membrane execution ~ 10% of the end of scale
 piston execution ~ 15% of the end of scale
 Weight: 0.06 Kg
 Mechanical life: 10⁶ cycles at 70 bar (1000 psi) at 20°C

Electric Features

Maximum load: 2 Ampère at 48 Volt AC
 1 Ampère at 48 Volt DC
 Electric protection according to DIN 40050:
 IP54 with P1 rubber cup protection

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 C Normally Closed	F Fast-on 6.3 mm O Screw connection	X AISI316L L BRASS If omitted means zinc plated	V VITON T PTFE E EPDM If omitted means zinc plated	Indicate the value if you want the pressure switch already preset in factory	D means down pressure setting U means up 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								0 1/8" BSP
SP	1>12	Piston	300								1 1/4" BSP
T	5>50	Membrane	200								2 1/3"BSPT
TP	5>50	Piston	300								3 M10x1
V	10>100	Piston	300								4 1/8"NPT
Z	20>200	Piston	300								5 1/4"NPT
Y	50>400	Piston	600								6 1/4"BSPT