

# K4 Series - Adjustable Pressure Switch

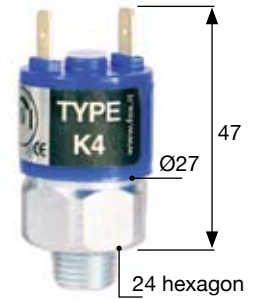
Up to 600 BAR Rated

“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.



CE



Article no.	Adjustable Pressure Range BAR	Max Pressure BAR	Price £	Price €
<b>K4R</b>	0.2-2.5	25	<b>£22.20</b>	<b>€23.30</b>
<b>K4S</b>	1-12	25	<b>£22.20</b>	<b>€23.30</b>
<b>K4SP</b>	1-12	300	<b>£25.60</b>	<b>€26.80</b>
<b>K4T</b>	5-50	300	<b>£25.60</b>	<b>€26.80</b>
<b>K4V</b>	10-100	300	<b>£25.60</b>	<b>€26.80</b>
<b>K4Z</b>	20-200	300	<b>£25.60</b>	<b>€26.80</b>
<b>K4Y</b>	50-400	600	<b>£31.30</b>	<b>€32.90</b>

With 'Fast On' Connections

SUFFIX 'P'	Rubber Protection Cap	Price £	Price €
<b>SUFFIX 'P'</b>	Rubber Protection Cap	<b>£1.60</b>	<b>€1.70</b>



## 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: 10<sup>6</sup> 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			
<b>R</b>	0,2>2,5	Membrane	25	<b>A</b> Normally Open  <b>C</b> Normally Closed	<b>F</b> Fast-on 6.3 mm  <b>O</b> Screw connection	<b>X</b> AIS1316L  <b>L</b> BRASS  If omitted means zinc plated	<b>V</b> VITON  <b>T</b> PTFE  <b>E</b> EPDM  If omitted means zinc plated	Indicate the value if you want the pressure switch already preset in factory	<b>D</b> means down pressure setting  <b>U</b> means up pressure setting	Accessory on request essential to protect the instrument from dirt, moisture and for to have the IP54 protection	
<b>S</b>	1>12	Membrane	25								<b>0</b> 1/8" BSP
<b>SP</b>	1>12	Piston	300								<b>1</b> 1/4" BSP
<b>T</b>	5>50	Membrane	200								<b>2</b> 1/3"BSPT
<b>TP</b>	5>50	Piston	300								<b>3</b> M10x1
<b>V</b>	10>100	Piston	300								<b>4</b> 1/8"NPT
<b>Z</b>	20>200	Piston	300								<b>5</b> 1/4"NPT
<b>Y</b>	50>400	Piston	600	<b>6</b> 1/4"BSPT							