

# Adjustable Pressure Switch – K9 Series

## 2 - 400 BAR Rated

“K9” adjustable pressure switches activate a microswitch once a preset pressure value is reached. The preset pressure is set by rotating the external nut clockwise to increase and vice-versa to decrease the value. The nut has a locking device to lock the instrument once the pressure value is reached. Mechanical stops protect both the spring and the microswitch from over pressurization.

Article no.	Adjustable Pressure Range BAR	Price £	Price €	Article no. ATEX Version	Adjustable Pressure Range BAR	Price £	Price €
<b>K93</b>	2 > 40	<b>£102.80</b>	<b>€108.00</b>	<b>K93C2</b>	2 > 40	<b>£544.20</b>	<b>€571.40</b>
<b>K94</b>	5 > 100	<b>£102.80</b>	<b>€108.00</b>	<b>K94C2</b>	5 > 100	<b>£544.20</b>	<b>€571.40</b>
<b>K95</b>	20 > 200	<b>£102.80</b>	<b>€108.00</b>	<b>K95C2</b>	20 > 200	<b>£544.20</b>	<b>€571.40</b>
<b>K97</b>	30 > 300	<b>£102.80</b>	<b>€108.00</b>	<b>K97C2</b>	30 > 300	<b>£544.20</b>	<b>€571.40</b>
<b>K99</b>	40 > 400	<b>£102.80</b>	<b>€108.00</b>	<b>K99C2</b>	40 > 400	<b>£544.20</b>	<b>€571.40</b>

### Technical Features

Body: 32 mm hexagonal in zinc-plated carbon steel  
 Metal ring: Ø 40 mm in anodised aluminium  
 Assembly: in every position  
 Working temperature: from -20°C to +80°C  
 Switching frequency: 120 cycles/min  
 Operating point: adjustable through an external metal ring  
 Switching accuracy: ±2% of E.o.S. to 20°C  
 Fixed hysteresis: ~ 15% of E.o.S. to 20°C  
 Weight: 0,4 Kg  
 Mechanical life: 10<sup>6</sup> cycles at 70 bar (1000 psi) at 20°C



CE Ex II 3 G/D EEx e T6



SWITCHES & TRANSMITTERS

### Electrical Features

Maximum load: 5 Ampère at 250 Volt AC  
 0.25 Ampère at 125 Volt DC

### Options

- ATEX execution: II 2 G EEX d II C T6 only with cable electric connection (2,5m)
- Seals in Viton
- Micro switches with gold plated contacts (instead of silver-plated of the standard execution)
- Adaptor type K7RID for flange fixing (see adaptors page)
- Connector M12 according to IEC60947-5-2

Type	Switching pressure range Bar	Execution	P max Bar	Hydraulic Connection Unica/Only	Atex Class	Body Material	Type of seal	Type of Microswitches	Preset value Bar	Condition	Type of electric connection Only std. execution						
<b>K93</b>	2 > 40	Piston	200	1/4" BSP Male	<b>C2</b> Gruppoll Cat.2 GroupII Cat.2	<b>X</b> AISI316L	<b>V</b> VITON	<b>G</b> Contatti dorati Gold plated contacts	Indicate the value if you want the pressure switch already preset in factory	<b>D</b> means falling pressure setting	<b>M4</b> Connector with 24V led						
<b>K94</b>	5 > 100		300														
<b>K95</b>	20 > 200		400														
<b>K97</b>	30 > 300		600									if omitted means standard execution Gr.IICat.3	if omitted means zinc plated steel	if omitted means NBR Nitril	if omitted means silver plated contacts	<b>U</b> means rising pressure setting	<b>M12</b> Connection M12x1
<b>K99</b>	40 > 400																