



# K9 SERIES ADJUSTABLE PRESSURE SWITCH

2 - 400 BAR Rated

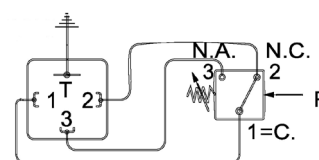
K9 adjustable pressure switches activate a microswitch once a preset pressure value is reached. The preset pressure is set by rotating the external nut clockwise to increase and vice-versa to decrease the value. The nut has a locking device to lock the instrument once the pressure value is reached. Mechanical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

Article no.	Adjustable Pressure Range BAR	Article no. ATEX Version	Adjustable Pressure Range BAR
K93	2 > 40	K93C2	2 > 40
K94	5 > 100	K94C2	5 > 100
K95	20 > 200	K95C2	20 > 200
K97	30 > 300	K97C2	30 > 300
K99	40 > 400	K99C2	40 > 400

## 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

## Electrical connection



## 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

## How to Order

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 <small>Only std. execution</small>							
K93	2 > 40	Piston	200	1/4" BSP Male	C2 Gruppoll Cat.2 GroupII Cat.2	X AIS1316L	V VITON	G Contatti dorati Gold plated contacts	Indicate the value if you want the pressure switch already preset in factory	D means falling pressure setting	M4 Connector with 24V led							
K94	5 > 100		300															
K95	20 > 200		400															
K97	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	U means rising pressure setting	M12 Connection M12x1	if omitted means standard execution
K99	40 > 400																	