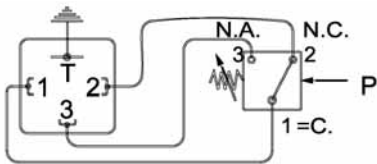


"K7" adjustable pressure switches allow the commutation of a micro-switch with exchange contact. The preset pressure is adjustable through a regulated screw put inside the instrument and protected by an external closure plug. Of compact and economical construction, the "K7" pressure switch is suitable for systems not requiring a constant alteration of the operating point, conversely, the possibility to block the protection plug can avoid unwanted or unintentional changes of the same value. Mechanical stops protect both the spring and the microswitch from over pressurization



K7



CE II 3 G/D EEx eT6

Technical features:

Body: 36 mm hexagonal in zinc-plated carbon steel

Assembly: in every position

Protection cap : in nylon charged with fiber glass

Operating point: adjustable through an internal screw protected by a security cap

Working temperature: from - 20°C to + 80°C

Switching frequency: 120 cycles/min

Switching accuracy: ± 3% of the pressure settled to 20°C

Fixed hysteresis value: ~ 15% of the settled value

Weight: 0,2 Kg

Mechanical life: 10⁶ cycles at 70 bar (1000 psi) at 20°C

Electric Features:

- Maximum load: 5 Ampère at 250 Volt AC
0.25 Ampère a 125 Volt DC (see dedicated page)
- Exchange contacts NO and NC
- Electric connection according to DIN 43650
- Electric protection according to DIN 40050: IP65

Warranty: see dedicated page

Spare parts: see dedicated page

Also available:

- **K7X** with fluid connection port in AISI 316 stainless steel
- Seals in Viton, EPDM, PTFE
- Micro switches with gold plated contacts (instead of silver-plated as in the standard execution)
- Adaptor type K7RID for flange fixing (see adaptors page)
- Electric connector with light signal of insertion

HOW TO ORDER

Type	Switching pressure range	Execution	P max	Hydraulic Connection	Body Material	Seal Type	Microswitches Type	Preset value	Condition	Electric connection
	Bar		Bar	Only				Bar		
K71	1 > 12	Membrane	25	1/4" BSP male	X AISI316L	V VITON	G Gold plated contacts	Indicate the value if you want the pressure switch already preset in factory	D means down pressure setting	M4 Electric connector with light signal of insertion
K73	5 > 50	Piston	300		If omitted means tropicalized carbon steel	T PTFE				
K75	15 > 150	Piston	350			E EPDM			U means up pressure setting	If omitted means standard connector
K77	30 > 300	Piston	400			If omitted means NBR				