

Adjustable pressure switch - K77



K7P/M3



K7/M12

K7/M12



CE II 3 G/D EEx eT6

Note : M12 female connector not included

Optional: Version with display in PSI

“K7” adjustable pressure switches allow the commutation of a micro-switch with exchange contacts. The switching point is adjustable by means of an adjustment screw protected by a cap or in the external version K7P through graded knob with locking screw. The compact, rugged construction provides mechanical stops of the spring is that the microswitch from over-pressure.

Technical features:

Body: 30 mm square aluminum parts in contact with galvanized steel

Assembly: in every position with threaded connection from 1/4” BSPF

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

Switching frequency: 120 cycles/min

Operating point: adjustable through internal screw protected by a security cap or knob with locking screw.

Switching accuracy: ±3% of the end of scale at 20°C

Fixed hysteresis value: ~ 15% of the end of scale at 20°C

Weight: 0,3 Kg Mechanical life:106cycles 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

Spare parts: see dedicated page

Also available:

- K7X with fluid connection port in AISI 316

- Seals in Viton, EPDM, PTFE

- Micro switches with gold plated contacts (instead of silver-plated as in the standard execution)

- Adaptor for flange fixing (see adaptors page)

- Electric connector with light signal of insertion

- M12 connector in accordance to IEC60947-5-2

- Different threads of attack

TAON

Hydraulik Komponenter

TAON Hydraulic Components ApS are specialists in hydraulic solutions, components and tool.

TAON Hydraulic Components ApS • +45 24 48 84 80 • info@taon.dk • www.taon.dk

© TAON Hydraulic will always help you find the best solution.

K7

Type	Switching pressure range	Execution	P Max	Body Material	Seal Type	Micro-switches Type	Preset value	Preset value	Type of Execution	Electric connection
	Bar		bar				bar			
K71	1 > 12	Membrane	25	X AISI316L tropicalized carbon steel	V Viton	G Gold plated contacts silver contacts	Indicate the value if <u>you want</u> the pressure switch already preset in factory	D Falling pressure settings U Rising pressure settings	P Execution with adjustable graduate knob Standard version	M12 Connection M12x1 (female connector excluded) M4 Electric connector with light signal of insertion Standard connector
K71 P	2 > 15	Piston	300		T PTFE					
K73	5 > 50		300		E EPDM					
K75	15 > 150		350		NBR					
K77	30 > 300		400							
K79	50 > 500		600							