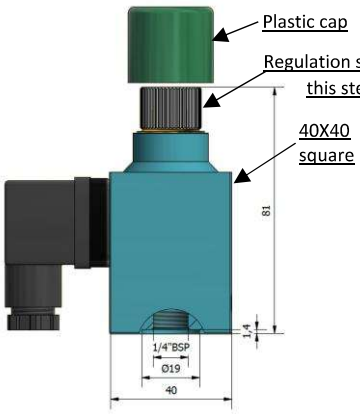
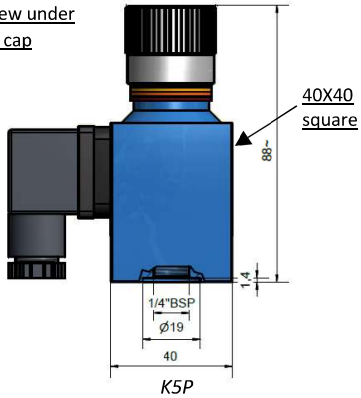
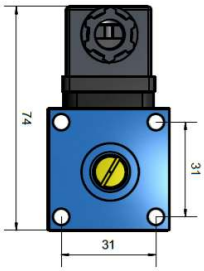
K5 Electromechanical pressure switch, SPDT contacts



K5

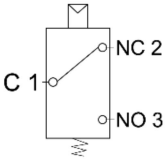


K5P





SPDT contacts





Adjustment instructions

Technical features	
Switching pressure range:	From 2 Bar to 400 Bar
Maximum pressure:	From 200 Bar to 600 Bar
Working temperature:	-25°C ÷ +85°C
Hydraulic connection:	¼" BSP-F or Cetop flange
Body material:	40x40mm square in anodized aluminum
Through holes for mounting on panel:	2 x Ø5,25mm wheelbase 31mm
Weight:	0,30 Kg
Fixed hysteresis value:	- Piston execution ~ 15% of end of scale at 20°C
Switching accuracy:	± 2% of end of scale at 20°C
Mechanical life:	10^6 cycles at 70 bar (1000 PSI) at 20°C
Tightening torque max:	50 Nm (for ¼" BSP-F)
Electric features	
Maximum load:	5 A at 250 Volt AC, 0.25 A at 125 Volt DC
Type of electric contact:	Exchange contacts (Common, NO and NC) – SPDT
Electric connection acc. to DIN 43650:	M3 (30x30mm) / M4 (30x30mm) – IP65
Electric connection acc. to IEC 60947-5-2:	M12 – IP67
Electric protection acc. to EN 60529:	M3, M4 – IP65 / M12 – IP67
ATEX certification:	ATEX II 3G Ex nc IIB T6 Gc IP65
Other	
Also available:	- Special value of hysteresis - CU-TR for Russian market - UL-CSA for electric part only - Connection plates B6 and B10 for modular assembly with solenoid valves (see adapters page)
Warranty:	see dedicated page

K5.					.	.	/.	.	/.	..
Type	*Switching Pressure range*	*Execution*	*P Max*	*Hydraulic Connection*	*Type of Seal*	*Electric contacts*	*Setting pressure*	*Condition*	*Type of execution*	*Type of Electric Connection*
	Bar						Bar			
K53	2>40	*Piston*	200	¼"BSP-F or Cetop without necessity of adaptors	**V** VITON **E** EPDM *If omitted means NBR*	**G** *Gold plated contacts (if omitted means silver plated contacts)* SPDT contacts	*If requested, Indicate the value setting pressure, also indicate the condition "D" or "U"*	**D** *Means falling pressure setting, also please indicate the value* **U** *Means rising pressure setting, also please indicate the value*	**P** *Execution with adjustable graduate knob* *If omitted means standard execution*	**M12** *connector* 12x1 **M4** *connector* with light signal of insertion If omitted means M3
K54	5>100	*Piston*	300							
K55	20>200	*Piston*	400							
K57	30>300	*Piston*	500							
K59	40>400	*Piston*	600							

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