



Technical features:

- Body:** 30x30 mm square in anodised aluminium
- Assembly:** in every position
- Maximum dimension (L =width max, H =height max):**
L 72mm x H 80mm
- Working temperature:** from - 20°C to + 80°C
- Switching frequency:** 120 cycles/min
- Switching accuracy:** ± 3% of the pressure settled to 20°C
- Operating point:** adjustable through an internal screw protected by a safety cap
- Fixed hysteresis value:** ~ 12% of the settled value
- Weight:** 0,15 Kg
- Mechanical life:** 10⁶ cycles at 70 bar at 20°C
- Electric Features:**
 - Maximum load: 5 Ampère at 250 Volt AC
 - 0.1 Ampère at 250 volt DC (see dedicated page)
 - Exchange contacts NA and NC
 - Electric connection according to DIN 43650
 - Electric protection according to DIN 40050: IP65
- Warranty:** see dedicated page
- Spare parts:** see dedicated page



F5

- Also available:**
 - Seals in Viton
 - Micro switches with gold plated contacts (instead of silver-plated as in the standard execution)



HOW TO ORDER

Type	Switching pressure range Bar	Execution	P max Bar	Hydraulic Connection	Seal Type	Microswitches Type	Preset value Bar	Condition
F53	5 > 50	Piston	300	1/4" BSP female	V VITON	G Gold plated contacts	Indicate the value if needed	D means down pressure setting U means up pressure setting
F55	15 > 150	Piston	350		If omitted means NBR	if omitted standard contacts		
F57	30 > 300	Piston	400					

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ADJUSTABLE PRESSURE SWITCH - K5 SERIES



K5

Standard with screw regulator



K5 P

Execution with graduate knob



K51

Execution for low pressures

CE Ex II 3 G/D EEx e T6

Technical Features :

Body : square 40x40mm in anodized aluminium

Assembly: in every position with 1/4" BSPF threaded port or Cetop flanged without needs adaptors

Maximum dimension (L =width max, H =height max):

- K51 standard execution: L 74mm x H 102mm

- K51 with knob execution: L 74mm x 120mm

- K5 standard execution: L 74mm x 80mm

- K5 with knob execution: L 74mm x 102mm

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

Switching frequency: 120 cycles/min

Switching accuracy: ± 2% of the pressure settled to 20°C

Fixed hysteresis value: - piston execution ~ 12%
- membrane execution ~ 10%

Weight: 0,35 Kg

Mechanical life: 10⁶ cycles at 70 bar at 20°C

Electric Features:

- Maximum load: 5 Ampère at 250 Volt AC

0.25 Ampère at 125 Volt DC (see dedicated page)

- Exchange contact NA 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 : - Seal in Viton

- Microswitch with gold plated contact

- Cetop modular manifold type B6 and B10 for attachment to electrovalves Cetop 3 and 5 (see adapters page)

- Electric connector with light signal of insertion

- Only for low pressures K51X with fluid port connection in Stainless Steel

HOW TO ORDER

Type	Switching pressure range	Execution	P max	Material connection	Hydraulic connection	Seal or membran type	Type of microswitch	Preset value in Bar	Condition	Type pf execution	Type of electric connection
	Bar		Bar	Only low pressure	Only			Bar			
K51.1	0.2 > 2	Membrane	12	X AISI316L	1/4" BSP female or connection to a Cetop panel without any adaptors	V VITON	G Gold plated contact	Indicate the value if necessary	D means down pressure setting U means up pressure setting	P execution with adjustable graduate knob	M4 Connector With light signal of insertion
K51.2	0.5 > 5	Membrane	12	If omitted means body in Anodized aluminium		T PTFE	If omitted Means standard contacts				
K51.3	1 > 10	Membrane	15								
K51.4	3 > 15	Membrane	20								
K53	2 > 40	Piston	200								
K54	5 > 100	Piston	300								
K55	20 > 200	Piston	400								
K57	30 > 300	Piston	500								
K59	40 > 400	Piston	600								

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