



34160

**ADJUSTABLE PRESSURE SWITCH - K4 SERIES**

**Technical features:**

**Body:** 24 mm hexagonal in tropicalized carbon steel  
**Assembly:** in every position  
**Maximum dimension (L =width max, H =height max):**

- NC execution: L 26mm x H 55mm
- NA execution: L 26mm x H 45mm

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

**Switching frequency:** 200 cycles/min

**Switching accuracy:** ± 5% of the pressure settled to 20°C

**Operating point:** adjustable through an external screw

**Fixed hysteresis value:**

- membrane execution ~ 6% of the settled value
- piston execution ~ 10% of the settled value

**Weight:** 0,06 Kg

**Mechanical life:** 10<sup>6</sup> cycles at 70 bar (1000 psi) at 20°C

**Electric Features:**

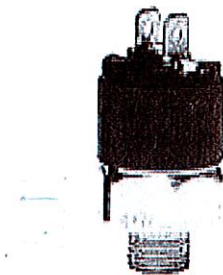
- Maximum load: 2 Ampère at 48 Volt AC  
1 Ampère at 48 Volt DC (see dedicated page)
- Electric protection according to DIN 40050: IP54 with P1 rubber cup protection

**Warranty:** see dedicated page

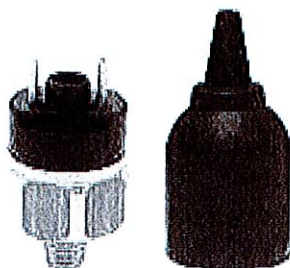
**Spare parts:** see dedicated page

**Also available:**

- K4X with fluid connection port made in Aisi 316 stainless steel
- K4L body in brass
- Seals in Viton, EPDM, PTFE



Execution with electric connection normally closed



Execution with electric connection normally open

CE II 3 G/D EEx eT6

**HOW TO ORDER**

K4													/		/		P1
Switching pressure range	Execution	P max	Type of electric contact	Type of Electric Connection	Hydraulic Connection						Body Material	Seal Type	Preset value	Condition	Protection Cap		
					0	1	2	3	4	5						6	
R	0,2>2.5	Membrane	25	F Fast-on 6.3 mm	1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT	X AISI316L L OTTONE If omitted means zinc plated	V VITON T PTFE E EPDM if omitted means NBR	Indicate the value if needed	D means down pressure setting U means up pressure setting	Accessory on request essential to protect the instrument from dirt and moisture	
S	1>12	Membrane	25		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
SP	1>12	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
T	5>50	Membrane	200		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
TP	5>50	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
V	10>100	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
Z	20>200	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						
Y	50>400	Piston	600		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT						