



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: 10⁶ 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



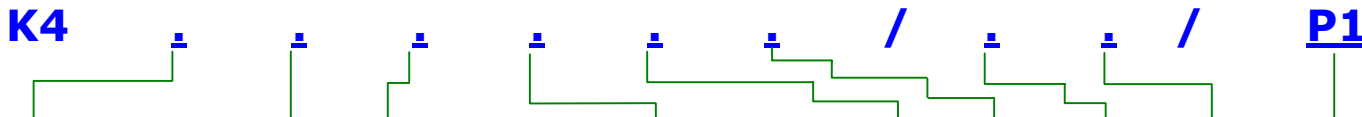
Execution with electric connection normally closed



Execution with electric connection normally open



HOW TO ORDER



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	
Bar		Bar											Bar				
R	0,2>2.5	Membrane	25	A NA C NC	F Fast-on 6.3 mm O Screw connection	1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT	X AIS1316L 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					