



## ADJUSTABLE PRESSURE SWITCH - F4 SERIES

### Technical features:

**Body:** 24 mm hexagonal in tropicalized carbon steel

**Assembly:** in every position

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

- P2 execution: L 26mm x H 50mm
- M2 execution: L 39mm x H 75mm
- M3 execution: L 48mm x H 78mm

**Working temperature:** from - 25°C to + 85°C

**Switching frequency:** 90 cycles/min

**Switching accuracy:** ± 4% of the pressure settled to 20°C

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

**Fixed hysteresis value:**

- membrane execution ~ 10% of the settled value
- piston execution ~ 15% of the settled value

**Weight:** 0,05 Kg

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

**Electric Features:**

- Maximum load: 0.5 Ampère at 250 Volt AC (see dedicated page)
- Exchange contacts NA and NC
- Electric connection according to DIN 43650 for M2 and M3
- Electric protection according to DIN 40050:
  - IP65 for M2/M3 execution
  - IP54 for P2 execution

**Warranty:** see dedicated page

**Spare parts:** see dedicated page

**Also available:**

- F4X with fluid connection port made in Aisi 316 stainless steel
- K4L body in brass
- Seals in Viton, EPDM, PTFE
- **WF4:** vacuum switch with adjustable field from 0.15 to 0.75 bar



Execution with electric connection P2



Execution with electric connection M2



Execution with electric connection M3



## HOW TO ORDER

Switching pressure range	Execution	P max	Body Material	Hydraulic Connection						Seal Type	Preset value	Condition	Type of Electric Connection			
				0	1	2	3	4	5					6		
R	0,2>2.5	Membrane	25	X AISI316L	1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT	V VITON	Indicate the value if needed	D means down pressure setting	P2 Connection with screw	
S	1>12	Membrane	25		1/8" BSP	1/4" BSP	1/8" BSPT	M10x1	1/8" NPT	1/4" NPT	1/4" BSPT					
T	5>50	Piston	200	L BRASS	1/8" BSP	1/4" BSP	1/8" BSPT	///	1/8" NPT	1/4" NPT	1/4" BSPT	T PTFE	Indicate the value if needed	U means up pressure setting	M2 connector 16x16	
V	10>100	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	///	1/8" NPT	1/4" NPT	1/4" BSPT					E EPDM
Z	20>200	Piston	300		1/8" BSP	1/4" BSP	1/8" BSPT	///	1/8" NPT	1/4" NPT	1/4" BSPT					
Y	50>400	Piston	600	If omitted means body in zinc plated	1/8" BSP	1/4" BSP	1/8" BSPT	///	1/8" NPT	1/4" NPT	1/4" BSPT	if omitted means NBR			M3 connector 30x30	