

F4 SERIES DOUBLE CONTACT ADJUSTABLE PRESSURE SWITCH

25 - 400 BAR Rated

F4 adjustable pressure switches provide an electrical signal once a set pressure value is reached. Preset pressure is adjusted by rotating a screw, located in the centre of the switch, clockwise to increase pressure & anti-clockwise to decrease pressure.

Note: for the switch with the DIN connector the screw is recessed, - a 2mm allen key is required. Mechanical stops protect the spring & micro-switch from over pressurisation.

Article no.	Adjustable Pressure Range BAR	Max Pressure BAR	Fixed Hysteresis Value
F4R	0.2-2.5	25	10%
F4S	1-12	25	10%
F4T	5-50	300	15%
F4V	10-100	300	15%
F4Z	20-300	400	15%
F4Y	50-400	600	25%

Includes M2 Connection Plug

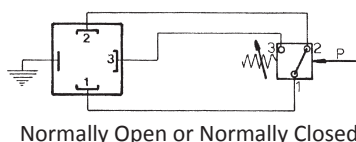
Technical Features

Body	STEEL
Connection	1/4" BSP Male
Mounting	Any Orientation
Temp. Range	-25 to +85°C
Frequency	90 cycles/min
Accuracy	±4% of Set Pressure at 20°C
Fixed hysteresis value:	membrane execution ~ 10% of end of scale at 20°C piston execution ~ 15% of end of scale at 20°C Y piston execution ~ 25% of end of scale at 20°C
Weight	50gm
Mechanical life:	10 ⁶ cycles at 70 bar (1000 psi) at 20°C

Electrical Features M2 (DIN PLUG)

Maximum load:	0.5 A at 250 Volt AC 0.15 A at 110 Volt DC
Electrical Connection	DIN 43650
Weatherproof	IP65
Max. Contact Load	0.5 ampere at 250v AC

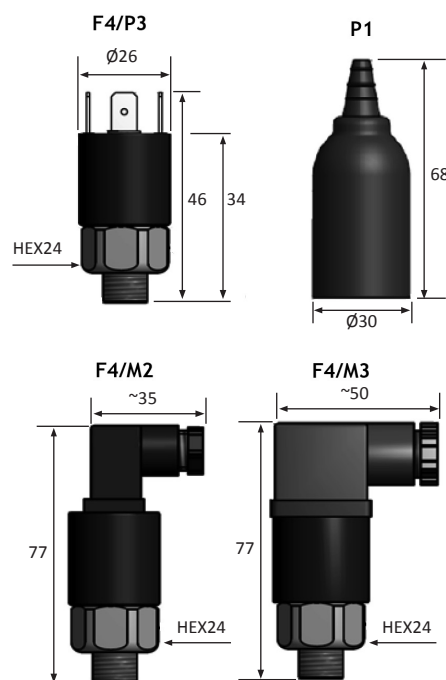
Electrical connection



Execution
with electric
connection M2



Dimensions



HOW TO ORDER										
F4										P1
Switching pressure range	Execution	P Max	Body Material	Hydraulic Connection	Seal Type	Type of Electric Contact	Preset value	Condition	Type of Electric Connection	Protection Cap
	Bar	Bar					Bar			
R	0.2>2.5	Membrane	25	X AISI316L	0 1/8" BSP	V VITON	G Gold plated contacts	Indicate the value if you want the pressure switch already preset in factory	P3 2.3 x 0.8 Fast-on	Accessory on request essential to protect the instrument from dirt, moisture and for to have the IP54 protection
S	1>12	Membrane	25		1 1/4" BSP					
SM	1>12	Membrane	150		2 1/8" BSPT					
SP	1>12	Piston	300		3 M10x1					
T	5>50	Piston	300		4 1/8" NPT					
TM	5>50	Membrane	150		5 1/4" NPT					
V	10>100	Piston	300	L BRASS	2 1/8" BSPT	T PTFE	If omitted means Silver plated contacts		M2 Connector 16 x 16	
VM	10>100	Membrane	150							
Z	20>300	Piston	400	B NICKEL PLATED BRASS	3 M10x1	E EPDM	If omitted means NBR		M3 Connector 30 x 30	
Y	50>400	Piston	600							
ADJUSTABLE VACUUM SWITCH				If omitted means zinc plated	6 1/4" BSPT					
WK4	-0.8>-0.15	Membrane	25							

Highlighted yellow indicates standard option. Others available on request.