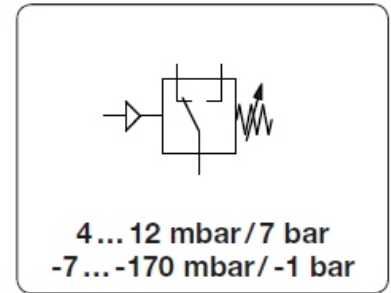


F4000 / F4400 - Pressostat Vacuostat à montage en applique, agréé FDA - Gaz/Liquides

F4000/F4400 - Pressure Switch with Adjustable Hysteresis for PCB

Description	High-precision pressure and vacuum switch with electrical outlet signal. The microswitch satisfies UL and CSA regulations. Polysulphone of the body approved by National Sanitation Foundation. The switch also complies with FDA regulations and is suitable for water and food products.		
Media	compressed air, non-corrosive gases or liquids		
Switch contact	micro SPDT switch, covered by plastic cap		
Contact load	15 A at 230 V AC, 1.2 A at 125 V DC	see chart, consultation needed for AT1004	
Electrical connector	3 A or 4 A at 230 V AC.	see chart	
	0.187" (4.75 mm) quick connector for Molex connector	for F4000 and AT1004	
	0.060" (1.52 mm) solder leads	for F4400	
Repeatability	± 2% FS		
Certifications	CSA-certified and UL-listed		
Switching time	25 ms		
Mounting position	any		
Temperature range	4 °C to 66 °C / 40 °F to 150 °F		
Material	Body: polysulphone	Spring: stainless steel	
	Diaphragm: polyurethane	Media non-contact parts: nylon, carbon fibre nylon, acetal	



Description	Contact rating	Hysteresis typical	max. pressure	Over-pressure	Measurement range off	Measurement range on	Order number
	max. A	mbar	mbar	max. bar	mbar/bar	mbar/bar	

Pressure and vacuum switch with adjustable hysteresis nylon fitting, Ø 1/8", Ø 2 mm **F4000**

pressure switch	15	-	-	1	4 ± 1*1 mbar	6 ± 1*1 mbar	F4000- 10B80
	15	-	-	1	4... 12 mbar	6... 40 mbar	F4000- 20B80
	15	-	-	1	4... 37 mbar	8... 150 mbar	F4000- 30B80
vacuum switch	15	-	-	-1	-70...-380 mbar	-135...-500 mbar	F4000- X B80



Pressure switch for PCB with small hysteresis nylon fitting, Ø 1/8", Ø 2 mm **F4400**

pressure switch	3	7	14	2	0.014 ... 0.14 bar	F4400- 2B80
	4	14	24	2	0.035 ... 0.35 bar	F4400- 5B80
	4	30	41	3	0.035 ... 1.0 bar	F4400- 15B80
	4	40	70	4	0.035 ... 2.1 bar	F4400- 30B80
	4	100	170	8	0.035 ... 4.2 bar	F4400- 60B80
	4	140	240	8	0.070 ... 7.0 bar	F4400-100B80
vacuum switch	4	10	20	-1	-0.007 ... -0.17 bar	F4400-X 5B80
	4	20	34	-1	-0.015 ... -0.34 bar	F4400-X10B80
	4	30	50	-1	-0.050 ... -1.00 bar	F4400-X30B80



Pressure switch, factory-set nylon fitting, ± 10% tolerance Ø 1/8", Ø 2 mm, SPDT switch **AT1004**

pressure switch	switching point to be indicated on order	4 ... 43 mbar	AT1004-...B80
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Special options, add / change the appropriate letter or number

barbed fitting	made of	nylon, Ø 1/8", Ø 4 mm	F4.00-... B85
		polysulphone, Ø 1/8", Ø 2 mm	F4.00-... P80
		polysulphone, Ø 1/8", Ø 4 mm	F4.00-... P85
gold contact		0.1 A at 125 V AC	F4.00-... 1B
factory-set switch point		± 5%, switching point to be indicated on order	F4.00-... X
free of oil and grease		especially cleaned, suitable for oxygen	F4.00-... L

