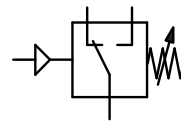


# Pressure and Vacuum Switch with Low Hysteresis, Type "Airtrol®" F4300

<b>Description</b>	Pressure and vacuum switch with electrical outlet signal and low hysteresis. 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.		
<b>Media</b>	compressed air, non-corrosive gases or liquids		
<b>Switch contact</b>	micro SPDT switch, covered by plastic cap		
<b>Contact load</b>	3 A or 4 A at 230 V AC, see chart		
<b>Electrical connector</b>	0.110" (2.8 mm) quick connector for Molex/ETC connector		
<b>Repeatability</b>	± 2% FS		
<b>Certifications</b>	CSA-certified and UL-listed		
<b>Switching time</b>	25 ms		
<b>Mounting position</b>	any		
<b>Temperature range</b>	4 °C to 66 °C / 40 °F to 150 °F		
<b>Material</b>	Body: polysulphone	Spring: stainless steel	Media non-contact parts: nylon, carbon fibre nylon, acetal
	Diaphragm: polyurethane		



10... 140 mbar / 7 bar  
-7... -170 mbar / -1 bar

Switches  
12

Description	Contact rating max. A	Hysteresis typical mbar	Hysteresis max. mbar	Over-pressure max. bar	Measurement range bar	Order number
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Pressure and vacuum switch, low hysteresis	with covering cap 1/8" NPTm					F4300
pressure switch	3	7	14	2	0.014 ... 0.14	F4300- 2PT
	4	14	24	2	0.035 ... 0.35	F4300- 5PT
	4	30	41	3	0.035 ... 1.0	F4300- 15PT
	4	40	70	4	0.035 ... 2.1	F4300- 30PT
	4	100	170	8	0.035 ... 4.2	F4300- 60PT
	4	140	240	8	0.070 ... 7.0	F4300-100PT
vacuum switch	4	17	27	-1	-0.007 ... -0.17	F4300-X 5PT
	4	34	50	-1	-0.015 ... -0.34	F4300-X10PT
	4	68	100	-1	-0.050 ... -1.00	F4300-X30PT

**Special options, add or change the appropriate letter**

<b>flush mounting</b>	barbed fitting made of	nylon,	Ø 1/16", Ø 2 mm	F4300-... <b>FMB80</b>
<b>panel mounting</b>	barbed fitting made of	nylon,	Ø 1/16", Ø 2 mm	F4300-... <b>PMB80</b>
<b>manifold mounting</b>				F4300-... <b>MM</b>
<b>barbed fitting</b>	for FM and PM,	nylon,	Ø 1/16", Ø 2 mm	F4300-... <b>B80</b>
		nylon,	Ø 1/8", Ø 4 mm	F4300-... <b>B85</b>
		polysulphone,	Ø 1/16", Ø 2 mm	F4300-... <b>P80</b>
		polysulphone,	Ø 1/8", Ø 4 mm	F4300-... <b>P85</b>
			0.1 A at 125 V AC	F4300-... <b>1B</b>
<b>gold contact</b>				F4300-... <b>X</b>
<b>factory-set switch point</b>	± 5%, indicate switch point			F4300-... <b>L</b>
<b>free of grease and oil</b>	specially cleaned, suitable for oxygen			



F4300-5PT



F4300-5FM



F4300-30PM



F4300-60MM

