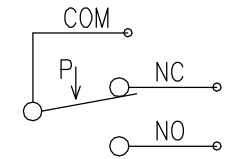


Circuit Diagram



Electrical Characteristics

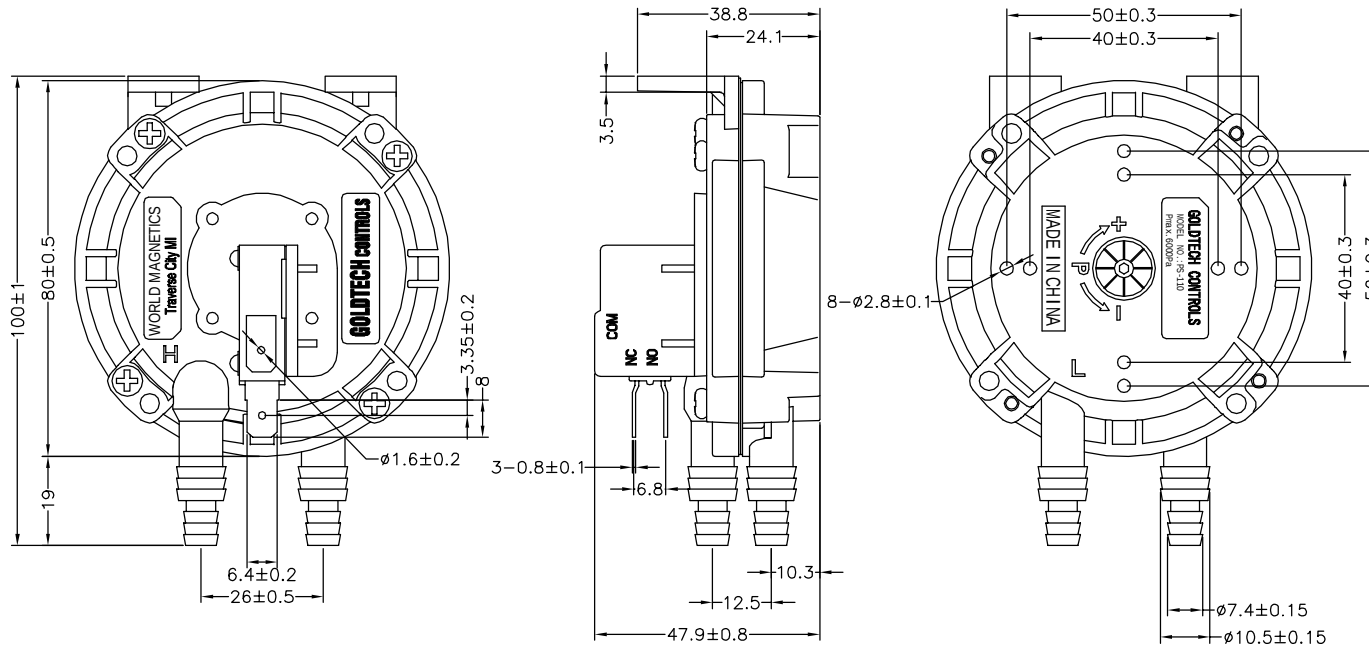
Ratings	5A 125/250 VAC
Insulation Resistance	100 MΩ initial
Dielectric Voltage	1000V for 1 min.
Contact Type	Ag

Mechanical Characteristics

Initial Set Point	2.50±0.25mbar
Max. Pressure	6 kPa(1 psi)
Operating Mode	Positive
Expected Life	100,000 cycle
Circuitry	SPDT
Switch Terminal Type	6.3X0.8 mm

Working Environment Parameters

Operating Temperature	-25~+105℃
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Model No.	Set point range	Set point increase per turn	Factory(initial) set point	Tolerance
PS-113	1.0~5.0"wc	0.80"wc	1.00"wc	± 10%

Description	Air Pressure Switch		GENERAL TOLERANCE(UNLESS OTHERWISE SPECIFIED)							
Assigned P/N:	PS-113	Color: BLK C	≤1	>1~5	>5~20	>20~50	>50~100	>100~200	>200	ANGLE
Project Code:	WAAA-02-01	Weight	±0.15	±0.20	±0.30	±0.50	±0.80	±1.20	±2.00	±3°
		Version: X1	Scale: None			Unit: mm		Size: A4		
Issued By:		Date:				THIRD ANGLE				
Checked By:		Date:								
Approved By:		Date:								

PS-113 Calibration Data

Project Code: WAAA-02-01

Date:2005.06.10

Samples	First(mbar)			Second(mbar)			Third(mbar)			Average(mbar)		
	ON	OFF	DIF.	ON	OFF	DIF.	ON	OFF	DIF.	ON	OFF	DIF.
C1	2.47	1.64	0.83	2.47	1.62	0.85	2.48	1.62	0.86	2.47	1.63	0.85
C2	2.48	1.69	0.79	2.49	1.69	0.80	2.48	1.70	0.78	2.48	1.69	0.79
C3	2.48	1.76	0.72	2.49	1.73	0.76	2.49	1.71	0.78	2.49	1.73	0.75
C5	2.49	1.69	0.80	2.45	1.63	0.82	2.47	1.65	0.82	2.47	1.66	0.81
C6	2.48	1.53	0.95	2.53	1.56	0.97	2.53	1.56	0.97	2.51	1.55	0.96