

MODEL CHART – SERIES 1000

EXAMPLE	1003	W	A	1	D	1003W-A1-D Pressure Control, weather-proof NEMA-4X, fixed deadband, automatic reset, SPDT snap acting switch, adjustable range 5-40 psig [0.48-2.8], maximum pressure 3000 psig [206.8].	
CONSTRUCTION	100	W				Weather-proof construction, NEMA-4X.	UL
		E				Explosion-proof construction, NEMA-7, 9, Class I Group A, B, C & D; Class II Group E, F & G	UL
		EH				Explosion-proof construction and hermetically sealed switch(es), NEMA-7, 9 – Class I Group A, B, C & D; Class II Group E, F & G	UL
PRESSURE CHAMBER MATERIAL (WETTED)			A			Aluminum pressure port.	UL
			B			316 stainless steel pressure port.	UL
DIAPHRAGM MATERIAL (WETTED)				1		Polyimide diaphragm and BUNA-N O-ring.	UL
				2		316 stainless steel diaphragm and Viton O-ring*	UL
				3		Teflon diaphragm and Viton O-ring	UL
CIRCUIT (SWITCHING) OPTIONS					D	SPDT snap acting switch, rated 15A at 125/250 VAC resistive, 1/8 hp at 125 VAC, 1/4 hp at 250 VAC (1000W only)	UL
					J	SPDT snap acting switch, rated 15A at 125/250/480 VAC resistive, 0.5A at 125 VDC, 0.25A at 250 VDC, 1/8 hp at 125 VAC, 1/4 hp at 250 VAC	UL
					F	DPDT: 2 each SPDT snap acting switches, rated 5A at 125/250 VAC, 5A at 30 VDC resistive*	UL
ADJUSTABLE PRESSURE RANGES & MAXIMUM OPERATING PRESSURE	3					Adjustable range 5-40 psig [0.48-2.8]	UL
	4					Adjustable range 10-70 psig [0.69-4.8]	UL
	5					Adjustable range 25-200 psig [1.7-13.8]	UL
	6					Adjustable range 50-350 psig [3.5-24.1]	UL
	7					Adjustable range 75-550 psig [5.2-37.9]	UL
	8					Adjustable range 100-900 psig [6.9-62.1]	UL
	9					Adjustable range 200-1400 psig [13.8-96.5]	UL

* [bar] Deadband approximately 10% higher when using 316SS diaphragm or code F Switch

RANGE ORDERING NUMBER	ADJUSTABLE OPERATING RANGE		MAX. SYSTEM PRESSURE WITHOUT BURSTING		APPROXIMATE FIXED DEADBAND – MID RANGE			
					E TYPE		W TYPE	
	psig	bar	psig	bar	psi	bar	psig	bar
3	5-40	.48-2.8	3000	206.8	2.5	.17	2	.14
4	10-70	.69-4.8	3000	206.8	5	.34	4	.28
5	25-200	1.7-13.8	3000	206.8	10	.69	8	.55
6	50-350	3.5-24.1	3000	206.8	18	1.20	15	1.00
7	75-550	5.2-37.9	3000	206.8	36	2.50	30	2.10
8	100-900	6.9-62.1	3000	206.8	60	4.10	50	3.50
9	200-1400	13.8-96.5	3000	206.8	90	6.20	75	5.20

STOCKED MODELS

MODEL NUMBER
1003WA1D
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