

VIC-D200 Series

Digital Mass Flow Controller



产品说明

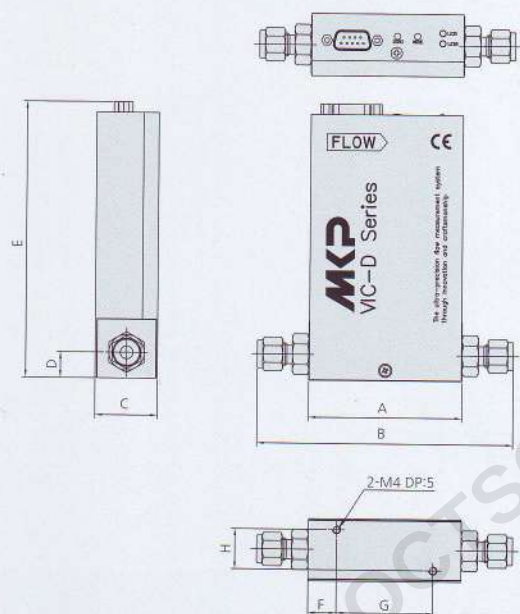
- 适用TEFLON DISK材质, 全区间响应速度快
- 对毒性及腐蚀性气体的耐久性大幅度增加
- 适用浪涌和内电压保护电路
- 即使周围温度变化也能维持准确度

产品规格

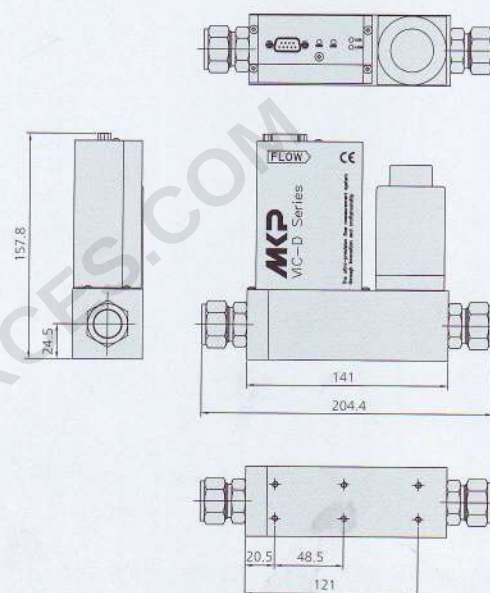
型号	VIC-D210	VIC-D220	VIC-D230	VIC-D240	VIC-D245
流量范围 (N ₂ 基准)	5 sccm ~ 1.5 slm	1.5 slm ~ 50 slm	50 slm ~ 100 slm	100 slm ~ 200 slm	200 slm ~ 400 slm
流量控制范围	2 ~ 100% of Full Scale				
准确度	≤ ± 1.0% of Full Scale				
响应速度	≤ 1.0 sec (10 ~ 100%)				≤ 1.2 sec (20 ~ 100%) ≤ 1.5 sec (10 ~ 20%)
直线性	≤ ± 0.2% of Full Scale				
再现性	≤ ± 0.2% of Full Scale				
控制阀门	Normally Closed Solenoid				
密封种类	Elastomer (Viton®, Viton-ETP®, Kalrez®, etc.)				
输出信号	模拟型: 0 ~ 5VDC 或 4 ~ 20mA 数字型: RS-485 (D-NET可能)				
电源	+15VDC ~ +24VDC				
操作温度	5 ~ 50°C (推荐温度范围: 15 ~ 35°C)				
预热时间	15分钟 (准确度保证: 30分钟)				
连接方式	D-SUB 9P MALE				
重量	0.95kg	0.97kg	1.33kg	1.87kg	3.3kg

※ Sccm, Slm是显示标准气体流量 (mL/min, L/min, at 0°C 101.3Kpa) 的符号

VIC-D200 Series 外形图



VIC-D245 外形图



型号	A	B							C	D	E	F	G	H
		1/8" LOK	1/4" LOK	3/8" LOK	1/2" LOK	3/4" LOK	1/4" VCR	1/2" VCR						
VIC-D210,220	76	122.74	127.32	130.36	-	-	123.8	-	30.8	12.7	136.8	14	48	20
VIC-D230	93.5	-	146.34	149.38	154.98	161.58	-	148.9	35.8	17	134.8	23	48	0
VIC-D240	95	-	147.84	150.88	156.48	163.08	-	150.4	40.8	19.5	153.6	23.5	48	20
VIC-D245	95	-	-	199.92	205.5	209.08	-	200	49	24.5	151.8	14.5	54	24

流量压力事项

型号	流量	最低压力	响应速度	流量控制范围
VIC-D200 Series	5 ~ 10 sccm	0.03 ~ 0.04 bar	≤ 1.3 sec (10 ~ 20%) ≤ 1.1 sec (20 ~ 100%)	2 ~ 100%
	50 ~ 100 sccm	0.06 ~ 0.07 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	200 ~ 400 sccm	0.08 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	500 ~ 1,000 sccm	0.09 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	1.2 ~ 2.0 slm	0.1 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	3 ~ 6 slm	0.13 ~ 0.25 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	8 ~ 12 slm	0.3 ~ 0.5 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	14 ~ 18 slm	0.6 ~ 0.9 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	20 ~ 24 slm	1.1 ~ 1.3 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	26 ~ 30 slm	1.4 ~ 1.6 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%
	50 slm	3 bar	≤ 1.1 sec (10 ~ 100%)	1 ~ 100%