

M-Flow product information



高精度的流量控制阀

——用于液体和气体



高精度控制阀 M-Flow

精密设定和紧密的关闭

高精度控制阀提供了一个精确的流量控制，V-Stack 提供了一个可扩展的气体分配系统

阀门是精密关闭的



各种不同的安装



阀门可以提供直通阀，角阀或者用于自安装的阀芯式

各种旋钮形式

1. 标准旋钮
2. 带锁的旋钮
3. 锁紧螺母
4. 带显示数字的旋钮

关闭的方向



顺时针或逆时针方向关闭都是可以的



气体分配系统 V-Stack

精巧的气体分配系统 V-Stack，可以满足测量多达 12 路出口
1 个入口 (1" female)
多达 12 路的出口 (1/2" female)



技术参数:

Instrument versions	Compact, modular construction
	Aluminium/brass or stainless steel
	Seal materials: FKM, EPDM or FFKM
	Straight valve, corner valve or valve cartridges (for self-mounting)
	Leak-proof when closed
	15 turn spindle, no hysteresis
	Cw- or ccw-closing
	Different Kv-values for optimum control ranges
	Non-rotating valve needles for stable settings
	Every M-Flow valve is tested and controlled
	We provide customer-specific versions

Instrument versions	Setup	Straight valve Corner valve Valve cartridge Distributor
	Material	Aluminium/brass/FKM Stainless steel/FKM Stainless steel/EPDM Stainless steel/FFKM
	Connection	<i>M-Flow 25</i> G 1/4" female* G 1/8" female G 1/4" female for compression fittings NPT 1/4" female <i>M-Flow 35</i> G 1/2" female <i>M-Flow V-Stack</i> Inlet: G 1", Outlet: G 1/2"
	Valve rotating direction	Cw-* or ccw-closed
	Actuator	Standard knob* Standard knob with locking ring Digi knob, 100 divisions, ccw-closed valve Locking nut (instead of standard-knob) Digiturn, 100 divisions, cw-closed valve

Technical data	Type	M-Flow 25	M-Flow 35	M-Flow V-Stack
	Straight valve	●	●	
	Corner valve	●		
	Valve cartridge	●	●	
	Gas distributon system			●
	Cw-closed	●	●	●
	Ccw-closed	●		
	Leak rate	< 1 x 10 ⁻⁶ mbar l/s He	< 1 x 10 ⁻⁶ mbar l/s He	< 1 x 10 ⁻⁶ mbar l/s He
	Max. pressure	20 bar	20 bar	20 bar
	Min. temperature	-40 °C	-40 °C	-40 °C
	Max. temperature	150 °C	150 °C	150 °C

*Standard – Subject to technical alterations

M-Flow 25 (dimensions in mm)	M-Flow 35 (dimensions in mm)
Find detailed dimensions for fittings, knobs and corner valve in the V-Flow Line manual	Find detailed dimensions for fittings and knobs in the V-Flow Line manual

订购指南

Instrument type	M-Flow	F	L	M																	
Instrument size	25								A												
	35								B												
	V-Stack								C												
Materials (body, seals)	Aluminium/brass, FKM								S												
	Stainless steel, FKM								E												
	Stainless steel, EPDM								T												
	Stainless steel, FFKM								W												
	Customer-specific / OEM								K												
Setup	Straight valve**								S												
	Corner valve								E												
	Valve cartridge (without body)								O												
	V-Stack, 1 valve/outlet								B												
	V-Stack, 2 valves/outlets								C												
	V-Stack, 3 valves/outlets								D												
	V-Stack, 4 valves/outlets								F												
	V-Stack, 5 valves/outlets								G												
	V-Stack, 6 valves/outlets								H												
	V-Stack, 7 valves/outlets								I												
	V-Stack, 8 valves/outlets								J												
	V-Stack, 9 valves/outlets								M												
	V-Stack, 10 valves/outlets								N												
	V-Stack, 11 valves/outlets								P												
	V-Stack, 12 valves/outlets								Q												
	Customer-specific / OEM								K												
Valve (rotating direction)	Valve cw-closed**													S							
	Valve ccw-closed													L							
	Customer-specific / OEM													K							
Process connection (in- and outlet)	G 1/4" female** (Type 25)													S							
	G 1/8" female (Type 25)													B							
	G 1/4" female, compression fittings (Type 25)													C							
	NPT 1/4" female (Type 25)													D							
	G 1/2" female (Type 35)													S							
	Inlet: G 1", Outlet: G 1/2" (Type V-Stack)													S							
	Customer-specific / OEM													K							
Valve size	NS 1.0 (Type 25)																			A	
	NS 1.5 (Type 25)																			B	
	NS 2.0 (Type 25)																			C	
	NS 2.5 (Type 25)																			D	
	NS 3.0 (Type 25)																			E	
	NS 4.0 (Type 35 / V-Stack)																			F	
	NS 6.5 (Type 35 / V-Stack)																			G	
	Customer-specific / OEM																			K	
Options	Locking ring (for standard knob)																				A
	Locking nut (instead of standard knob)																				B
	Digitum (cw-closed valve only)																				C
	Star grip for digitum																				D
	Digi knob, 100 divisions (cw-closed valve only)																				L
	Hose connectors PVC, G 1/4" / 4mm																				N
	Hose connectors PVC, G 1/4" / 6mm																				O
	Hose connectors PVC, G 1/4" / 8mm																				Q
	Customer-specific / OEM																				K
Type code		F	L	M	-									-							-

** Standard

Do you have any questions about our products?

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