

New
type code

M-Flow product information



High precision micro valves for gases and liquids

Micro valves M-Flow

Features

- Compact, modular construction
- Aluminium/brass or stainless steel
- Seal materials: FKM, EPDM or FFKM
- Straight valve, corner valve or valve insert
- Leak-proof when closed
- 15 turn spindle, no hysteresis
- Cw- or ccw-closing
- 2 sizes and 5 different needles
- Stable and precise regulation
- Every single valve is tested and controlled by the manufacturer
- Customer specific versions

Versions

*= Standard

Setup

Straight valve* (Type 25 / 35)
 Corner valve (Type 25)
 Valve insert (Type 25 / 35)
 Distributor (Type V-Stack)

Materials

Aluminium/brass / FKM
 Stainless steel / FKM
 Stainless steel / EPDM
 Stainless steel / FFKM

Connection

G 1/4" female* (Type 25)
 G 1/2" female (Type 35)
 G 1/8" female (Type 25)
 G 1/4" female for compression fittings (Type 25)
 NPT 1/4" female (Type 25)
 Inlet: G 1", Outlet: G 1/2" (Type V-Stack)

Valve rolling direction Actuator

cw-* and ccw-closed
 Standard-knob*
 Standard-knob with locking ring
 Digi-knob, 100 divisions, ccw-closed valve only
 Locking nut (instead of standard-knob)
 Digiturn, 100 divisions, cw-closed valve



Standard-knob with locking ring

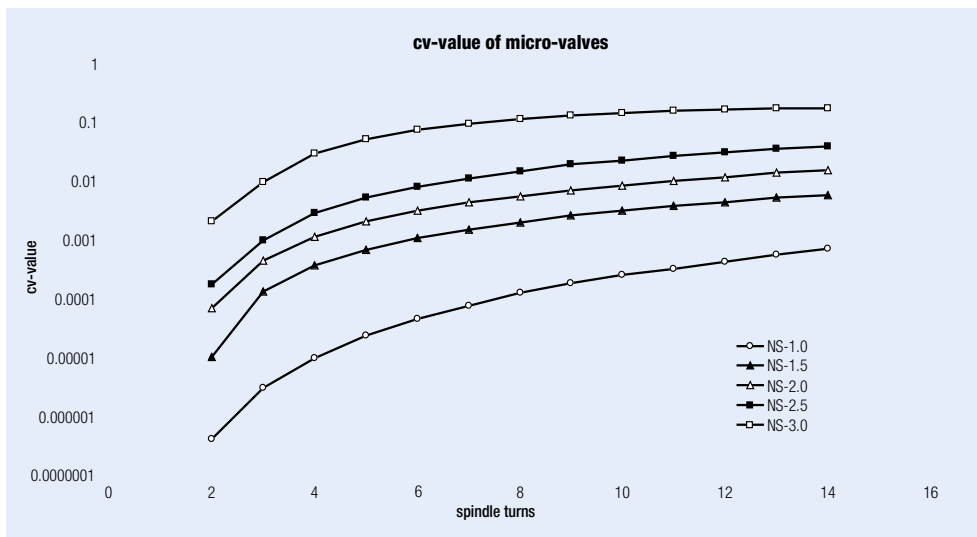


Digi-knob



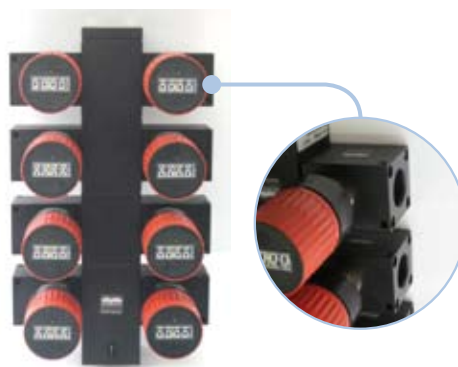
Digiturn

Graph



Gas distribution system V-Stack

The compact gas distribution system V-Stack consists of up to 12 individual control valves and outlets.



- 1 inlet (G 1" female)
- Up to 12 outlets with one valve per outlet (G 1/2" female)
- Can be easily expanded by the customer (up to 12 outlets)
- Type 35 instrument size only

V-Stack with 8 outlets and digitum-knob

Type code micro valves M-Flow

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 insert 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 (rolling 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
	Digiturn (cw-closed valve only)																		C
	Star grip for digiturn																		D
	Digi-knob, 100 divisions (ccw-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

Please contact our sales for all questions concerning configuration settings and customized versions: **+41 61 756 63 00** or **sales@voegtlin.com**