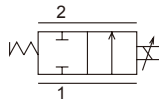
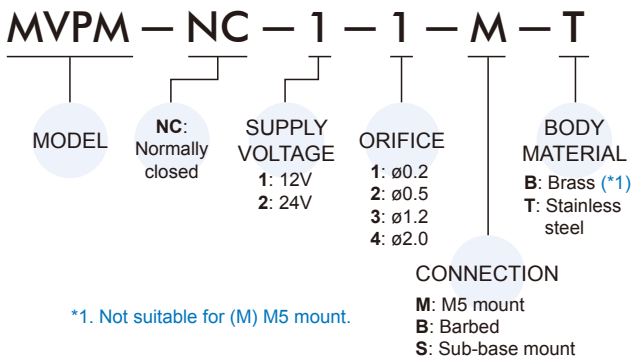




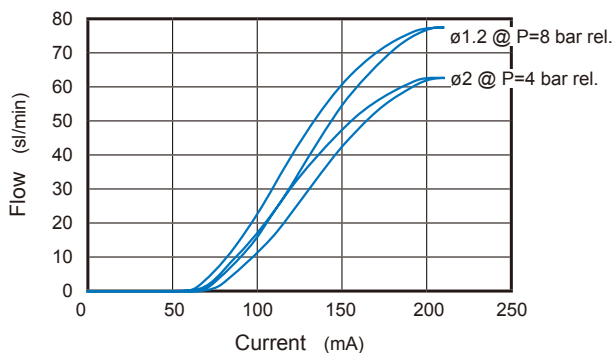
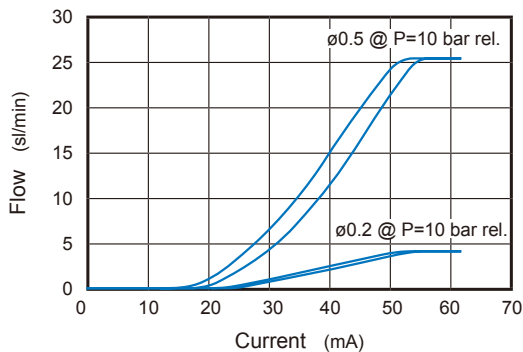
2/2 NC



Order example



Flow rate characteristics



Feature

- Direct acting orifice size from $\phi 0.2$ to 2 mm.
- Pressure up to 12 bar.
- Suited for dosing precisely gases in the medical and in the analytical field.

Application Industry

- Gas analysis, Chromatography,
- Biotechnology: bioreactors, instrumentation
- Semiconductor facility
- Liquid flow: mainly instrumentation, dental equipment, coffee machines, blood analyser.

Specification

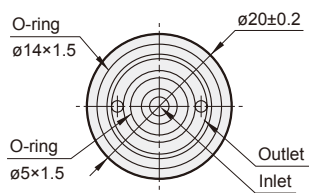
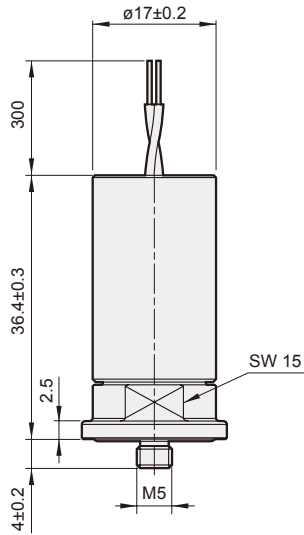
Model	MVPM			
Type of acting	Direct acting			
Nb of ways / function	2/2 NC			
Connections	M5 mount, Barbed, Sub-base mount			
Orifice size (mm)	$\phi 0.2$	$\phi 0.5$	$\phi 1.2$	$\phi 2$
Flow @ 12 bar rel. @ 20°C (sl/min)	≥ 3.8	≥ 20	≥ 75	≥ 60
Power (W)	0.5		2.5	
Materials in contact with media	Body			
	Others			
Media	Air, neutral gases			
Operating pressure range @port 1 (bar rel.)	0~12 (*)			
Internal leakage @ 20°C (ml/min)	$\leq 0.6 @ 0 \sim 12$ bar rel.			
External leakage @ 20°C (ml/min)	$\leq 0.6 @ 12$ bar rel.			
Storage temperature (°C)	-20~+70			
Media temperature (°C)	0~+50			
Ambient temperature (°C)	0~+50			
Protection (DIN 40050)	IP51			
Duty cycle	100% ED			
Filter of front end (μm)	< 5			
Weight (g)	70 \pm 5			

* It's a good practice to set the value 12 bar rel., in order to have a wider control range.

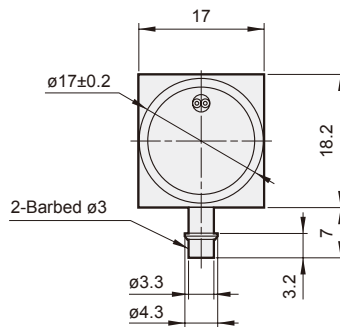
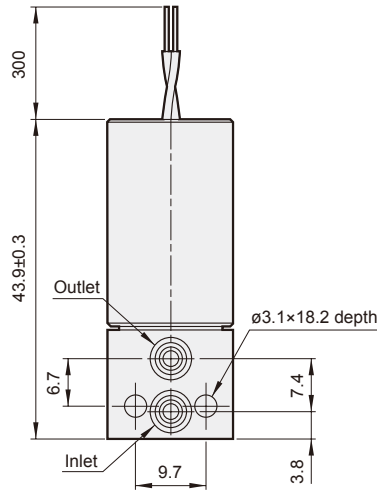
Coil specification

	12		24	
	62	417	29.5	209
Recommended supply voltage (V)	12		24	
Nominal current $\pm 3\%$ (mA)	62	417	29.5	209
Nominal power @ 20°C (W)	0.5	2.5	0.5	2.5
Nominal resistance $\pm 3\%$ @ 20°C (Ω)	130	14.4	576	57.5
Electrical insulation (V AC)	500			
Maximum coil temperature (°C)	< 120			
Electrical connection	300mm AWG 26 Flying leads			

MVPM-*-M M5 mount



MVPM-*-B Barbed



MVPM-*-S Sub-base mount

