

Specifications

Series	Units	MPV3	
		Solenoid valve (vacuum)	Solenoid valve (blow-off)
Fluid		Vacuum pressure	Non-lubricated air
Ambient temperature	°C	0 ~ 50 (without freezing)	
Pressure range (VP, DP)		-90~0kPa	0.3~0.5MPa
Vacuum valve function		Normally open, normally closed	
Filtration rate	μ m	37	
Type of control valve		Pilot operated poppet	
Effective area	mm ²	5.1	2.6
Control flow	ℓ /min (ANR)	About 50 (when -80kPa)	About 60 (when 0.5MPa)
Mass (Unit type without sensor)	g	253	

Solenoid valve specifications

Voltage	V	DC24	
	%	± 10	
Power consumption	W	-	0.6
Apparent power	VA	1.2/2.4	-
Thermal class		Class E	
Manual operation		Driver operating locking manual override	
Display surge killer		LED, diod	
Wiring		Lead wire with connector	

Vacuum sensor specifications

	Units	MVS-030	MVS-035	MPS-V23	MPS-R23	MVS-201
Fluid		Vacuum pressure				
Pressure range	kPa	-10 ~ -101	-3 ~ -101	0 ~ -101	500 ~ -101	500 ~ -101
Ambient temperature	°C	0 ~ 50				
Signal		Output	Output Analog signal	Output Analog signal	Output Analog signal	Output Input
Display		LED	LED	Digital	Digital	Digital
Voltage	V	DC12 ~ 24				

Note) Please check details p.349

Note) For MVS-201, solenoid valves (both vacuum and blow-off) are normally open.

In case of normally closed type needed, please consult with us.

Symbol

