Specifications

Description		Unit	MC72□–15			MC72□–20			MC72□–25
			HS	LS	HR	HS	LS	HR	HS
Fluid			Non–lubricated air / non–corrosive gas						
Ambient temperature		℃	0 ~ 60(without freezing)						
Operating pressure range		MPa	0.2 ~ 0.6						
Blow–off flow		ℓ/min(ANR)	100						
Solenoid valve air passage			Normally closed (N.C), normally open (N.O), self–holding						
Filter element filtration		μm	130						
Nozzle size		ϕ mm	1.5			2.0			2.5
Nominal pressure		MPa	0.5		0.35	0.5		0.35	0.5
Vacuum (air) flow		ℓ/min(ANR)	55	90	46	95	130(110)Note)	80	140(120)Note)
Max. vacuum pressure		kPa	–87	–53	–87	–87	–53	–87	–87
Air consumption		ℓ/min(ANR)	100	100	100	180	180	180	265
Mass	Single type (without sensor)	g	460						
	Manifold type (1unit, without sensor)	g	400						

Note) Figure in ( ) is when MC72 check valve option is selected.

Solenoid valve specifications

Description	Unit	CKV010–4E	LV290–4E Note
Solenoid valve air passage		normally closed(N.C), normally open(N.O)	self–holding
Operating voltage	V	DC24	
Allowable voltage tolerance	%	± 10	
Power consumption	W	1	
Grade of insulation		B class	
Manual override operation		Non–lock push button	
Display - Surge killer		LED・diode	
Cable		Lead wire with connector (300mm)	

Note)Please check common cautions in regard to CONVUM vacuum ejector "self-holding valve"(P22).

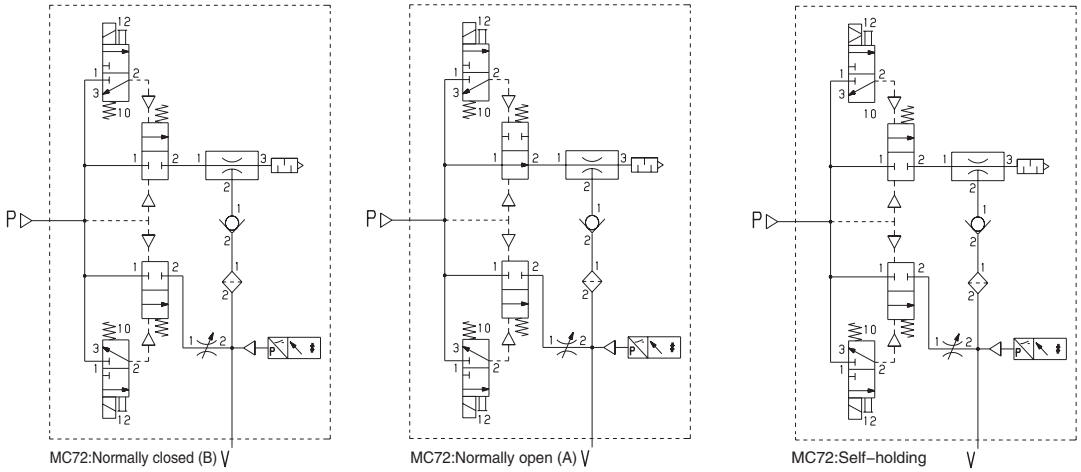
Vacuum sensors specifications

Item	Unit	MVS–030	MPS–V23	MVS–201
Fluid		Non–lubricated air / non–corrosive gas		
Pressure range settings	kPa	–10 ~ –101	–0 ~ –101	500 ~ –101
Ambient temperature	℃	0 ~ 50 (without freezing)		
Output type		Output 1 point	Output 1 point Analog output	Output 1 point Input 1 point
Display		LED	Digital	Digital
Operating voltage	V	DC12 ~ 24		DC10.8 ~ 30

Note: Please check P349 for sensor details.

Note: Air flow condition of MVS–201 sensor is set as normally open (N.O.). For normally closed (N.C.), please check the manual and change the settings manually.

Symbol



MC72:Normally closed (B) MC72:Normally open (A) MC72:Self–holding

∗With sensor, check valve and filter unit