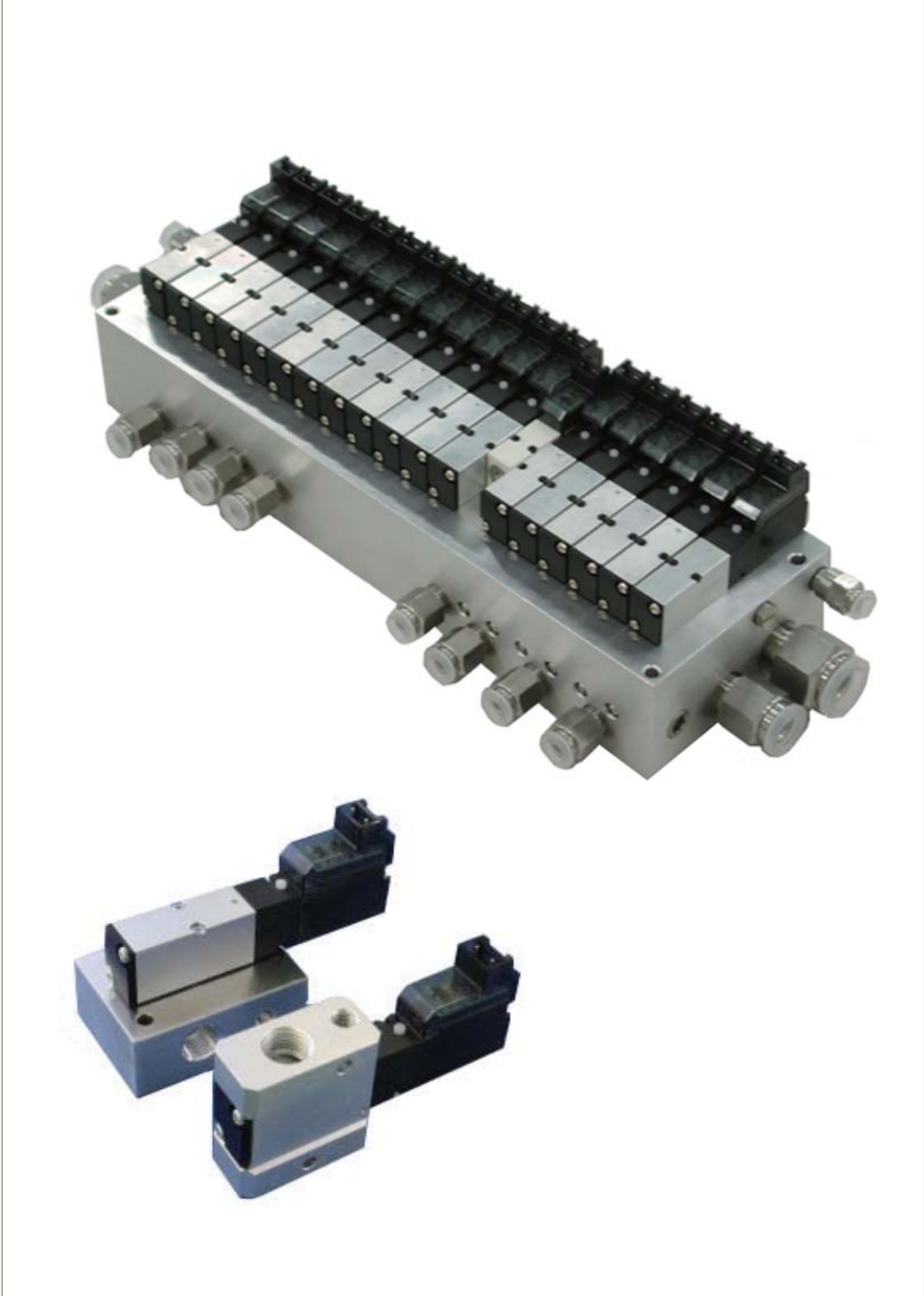
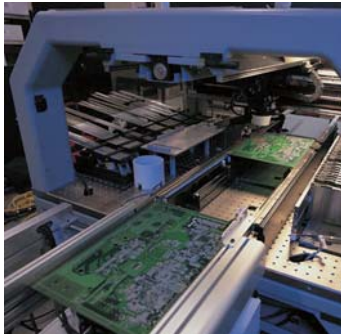


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Pilot/Poppet 3-port Solenoid Valve PV07 PS23 / RS23 series



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PV07PS23/RS23 Series

PV07 uses the poppet mechanism of high speed response "VA01" valve in the main valve part. This pilot operated 3-port solenoid valve is possible for positive & negative pressure.

Feature

- Fast response
ON/OFF 6ms
- Compact
Width 11mm PV07PS23 (Sub-base)
Width 15mm PV07RS23 (In-line)
- Large flow
CV 0.35, 450L/min at 0.5MPa
- The part where air flow are poppet mechanism that does not use republishation oil. (Clean)



Ordering instruction

Example

表示例： P V 0 7 ^① P S 2 3 - 1 P R E - ^② ^③ ^④ ^⑤ ^⑥ 0 1

① Model	PS23	2-position, Single, Sub-base
	RS23	2-position, Single, Sub-base
② Voltage	1	DC24V
③ Wiring direction, indicator light and surge suppressor	P	wiring for horizontally, with indicator light and surge suppressor
	U	wiring for vertically, with indicator light and surge suppressor
④ Control Circuit	R	Power Saving Version
⑤ Wiring	E	Connector with lead wire (length 500mm)
	No mark	Connector with lead wire (length 500mm)
⑥ Port size	01	Rc 1/8
	No mark	No sub-base. (Including a gasket and mounting screws.)

PV07PS23/RS23 series

Specification

Model	Unit	PV07PS23	PV07RS23
Fluid		Non-rubricated air or vacuum	
Solenoid		Single	
Piping		Sub-base	In-line
Body width	mm	11	15
Sonic speed conductance C	dm ³ /(s·bar)	1.4	
Effective area (reference)	mm ²	7	
CV (reference)		0.35	
Ambient temperature	°C	-10~50	
Operating pressure	MPa	-0.1~0.7	
Pilot pressure	MPa	0.35~0.7	
Response time	ON	ms	6
	OFF		6
Manual operation		Non-lock push button	
Mounting direction		Free	
Weight (including sub-base)	g	74.0	47.5

Electrical Specification

Model	Unit	PV07PS23	PV07RS23
Voltage	V	DC24	
Permissive voltage	%	±10	
Power consumption	W	2 (inrush), 1(hold)	
Wiring		Connector with lead wire	
Indicator lump		LED	

Application

- Food & Packaging: Filling and blow line, Blow ejection, Vacuum pick & place
 - Can & PET bottle manufacturing: Filling to leakage investigation machine.
 - Clean material handling, Packaging: Blow ejection, Operating high speed cylinder.
- Others: This valve is ideal for being clean and improving cycle time.

