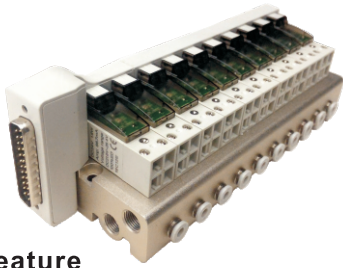


Integrated solenoid valve (3/2 way)

CPV15S Series(G)



Product feature

1. Integrated installation centralizes air intake, exhaust and power(25pin D-Sub)to save space and reduce additional accessories.
2. Flexible combination and expandability for various applications. Blank plates are optional.
3. Equipped with manual override for quick air circuit checking.
4. Low starting voltage and long service life.

Specification

Model		CPV15SB	CPV15SF
Integrated solenoid valve	Fluid	Air(to be filtered by 40 μm filter element)	
	Acting	Direct acting	
	Number of stations	2 stations ~20 stations, only available in even stations	
	Electrical entry	Terminal, 25pin D-Sub	
	Port size [Note1]	P/R: 1/8" A: Φ4mm(quick connector)	
	The type of Inlet and exhaust	Centralized inlet and exhaust	
	Operating pressure	0.15~0.8MPa(21~114psi)	
Coil	Proof pressure	1.5MPa(215psi)	
	Temperature	-20~70°C	
	Protection	Dustproof	
	Standard voltage	DC24V	DC12V
	Scope of voltage	DC±10%	
	Temperature classification	F Class	
	Power consumption	DC: 1.6W	

[Note1] G thread is available.

Ordering code

CPV15S B 20F G

①

②

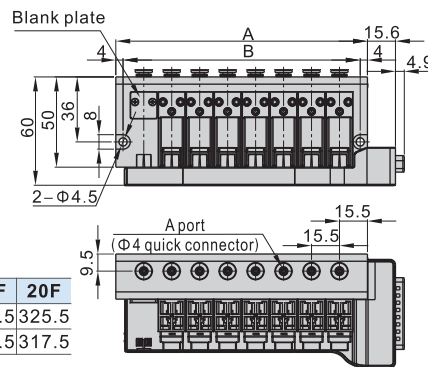
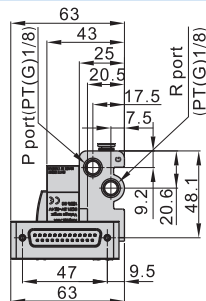
③

④

① Model	② Voltage	③ Number of stations	④ Thread type
CPV15S: CPV15S series integrated solenoid valve	B: DC24V F: DC12V	2F: 2 stations 3F: 3stations 4F: 4stations 20F: 20stations	G: G

Dimensions

G thread



Item\Number of stations	2F	4F	6F	8F	10F	12F	14F	16F	18F	20F
A	46.5	77.5	108.5	139.5	170.5	201.5	232.5	263.5	294.5	325.5
B	38.5	69.5	100.5	131.5	162.5	193.5	224.5	255.5	286.5	317.5

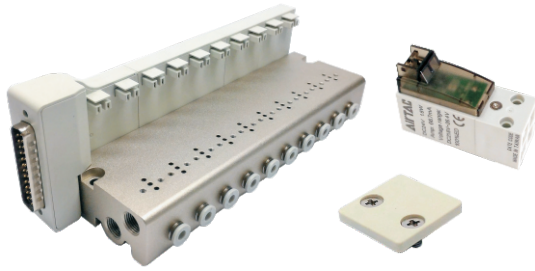
Installation and Application

Assembly of micro-solenoid valve (blank plate) and manifold	Expansion of micro-solenoid valve	A port tubing	Manifold mounting
Mount micro-solenoid valve and manifold by two M2.5 screws as following . Mount blank plate and manifold by two M2.5 countersunk screws as following .	Remove blank plate and install solenoid valve by the assembly instruction.	A port is at the side of manifold with quick connector for tube OD Φ4 mm.	Both sides of manifold attach two installing through-holes, using two M4 hexagon cap screws to fix.
<p>Solenoid valve: Fixed by two M2.5 screws</p> <p>Manifold: Fixed by two M2.5 screws</p>	<p>replace blank plate with solenoid valve</p>	<p>A(with quick connector (select Φ4mm tube)</p>	<p>Installing through-holes (using two M4 hexagon cap screws to fix)</p>



Integrated solenoid valve (3/2 way)

CPV15S Series(G)—Manifold, solenoid valve and blank plate



Specification

Model	CPV15S	
Fluid	Air(to be filtered by 40 μm filter element)	
Number of stations	2 stations ~20 stations, only available in even stations	
Electrical entry	Terminal, 25pin D-Sub	
Port size [Note1]	P/R: 1/8" A: Φ4mm(quick connector)	
The type of Inlet and exhaust	Centralized inlet and exhaust	
Operating pressure	0.15~0.8MPa(21~114psi)	
Proof pressure	1.5MPa(215psi)	
Temperature	-20~70°C	
Weight	Integrated valve of 2 stations	158.5g(not include CPV15 valve)
	Increase when add 2 satations	+97.65g
	Blank plate kits	0.65g

[Note1] G thread is available.

Product feature

1. Integrated installation centralizes air inlet, exhaust and power (25pin D-Sub)to save space and reduce additional accessories.
2. Flexible combination and expandability for various applications. Blank plates are optional.

Ordering code

Ordering code for manifold

CPV15S 20F G

① ② ③

① Model	② Number of stations	③ Thread type
CPV15S: CPV15S series integrated solenoid valve	2F: 2 stations 4F: 4 stations 6F: 6 stations 20F: 20 stations	G: G

Ordering code for valve

CPV15 B P

① ② ③

① Model	② Voltage	③ Code of manual override
CPV: CPV series micro-solenoid valve	B: DC24V F: DC12V	P: With manual override

Ordering code for blank plate

P-CPV15S R2

① ②

① Model	② Code
CPV15S: CPV15S series integrated solenoid valve	R2: Blank plate for manifold

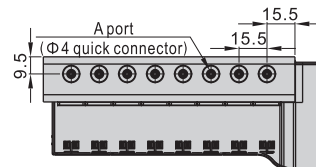
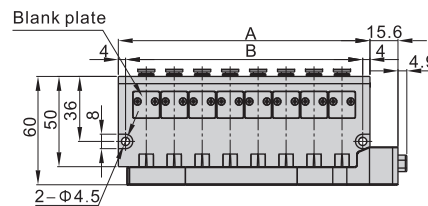
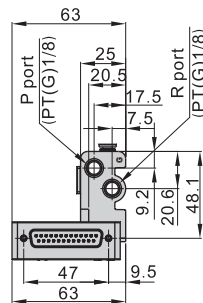
[Note] Blank plate kits contains blank plate, gasket and screw.



- [Note] 1. Ordering code contains solenoid valve, manifold, and blank plate.
2. Maximum station up to 20 stations.

Dimensions

G thread



Item\Number of stations	2F	4F	6F	8F	10F	12F	14F	16F	18F	20F
A	46.5	77.5	108.5	139.5	170.5	201.5	232.5	263.5	294.5	325.5
B	38.5	69.5	100.5	131.5	162.5	193.5	224.5	255.5	286.5	317.5

Installation and Application

Please refer to the "Installation and Application" instruction of Integrated solenoid valve(G thread).