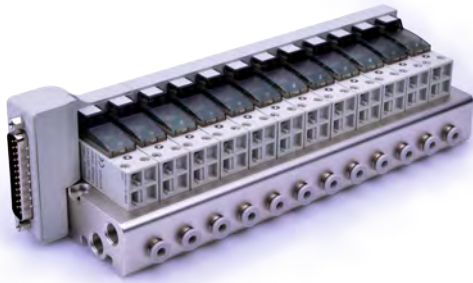


Integrated solenoid valve (3/2 way)

CPV15S Series



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	P/R ports	1/8" [Note1]	
		A Port	Φ4mm(Push in fittings)	
	The type of Inlet and exhaust	Centralized inlet and exhaust		
	Operating pressure	0.15~0.8MPa(21~114psi)		
	Proof pressure	1.2MPa(175psi)		
	Temperature	-20~70°C		
Coil	Protection	Dustproof		
	Standard voltage	DC24V	DC12V	
	Scope of voltage	DC±10%		
	Temperature classification	F Class		
	Power consumption	DC: 1.6W		

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. [Note1] G thread is available.
3. Equipped with manual override for quick air circuit checking.
4. Low starting voltage and long service life.

Ordering code

CPV15S B 20F G



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 Thread

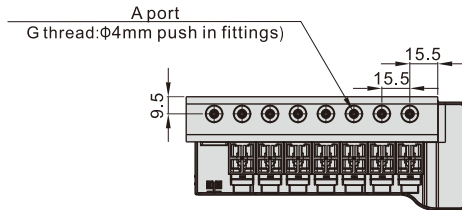
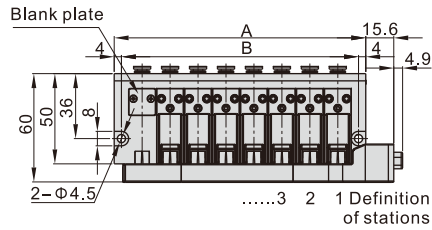
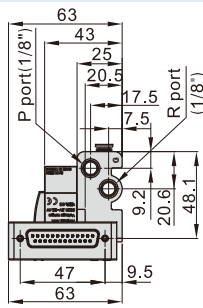
Installation and Application

Assembly of micro-solenoid valve (blank plate) and manifold	Expansion of micro-solenoid valve
<p>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 .</p>	<p>Remove blank plate and install solenoid valve by the assembly instruction.</p>
A port tubing	Manifold mounting
<p>A port is at the side of manifold with push in fittings.</p>	<p>Both sides of manifold attach two installing through-holes, using two M4 hexagon cap screws to fix.</p>

Integrated solenoid valve (3/2 way)

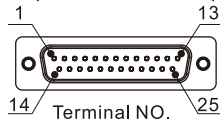
CPV15S Series

Dimensions



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

Explain of connection pin



Terminal no.	Polarity		Control object	Terminal no.	Polarity		Control object
	-COM	+COM			-COM	+COM	
1	(+)	(-)	13 station	14	(+)	(-)	1 station
2	(+)	(-)	14 station	15	(+)	(-)	2 station
3	(+)	(-)	15 station	16	(+)	(-)	3 station
4	(+)	(-)	16 station	17	(+)	(-)	4 station
5	(+)	(-)	17 station	18	(+)	(-)	5 station
6	(+)	(-)	18 station	19	(+)	(-)	6 station
7	(+)	(-)	19 station	20	(+)	(-)	7 station
8	(+)	(-)	20 station	21	(+)	(-)	8 station
9		Void		22	(+)	(-)	9 station
10		Void		23	(+)	(-)	10 station
11		Void		24	(+)	(-)	11 station
12		Void		25	(+)	(-)	12 station
13	(-)	(+)	COM				

[Note] The D-sub cable of the corresponding Pin no. 13 (COM) must be ≤ 22 AWG.