



7S Series Integrated solenoid valve (5/2 way, 5/3 way)

Compendium of 7S Series

Various port type options

Port threads and push-in fittings options.

With Manual Override

With manual override for easy installation and adjustment.

Flexible installation and expansion

Single Power Inlet

Two kinds of electricity are optional, easy to use in all kinds of environment.

Centralized inlet and exhaust design

Transfer block design

Steady signal transmission by transfer block design.

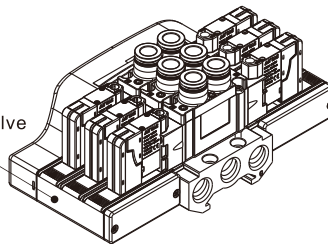
Easily install on manifold

Easily install on manifold and could single assembly or install with a DIN rail.

The Manifold is interchangeable

2-position/3-position solenoid valve can install on double controlled solenoid manifold at the same time.

2-position/3-position double solenoid valve could installed on same manifold



Integrated solenoid valve (5/2 way, 5/3 way)

7S Series

Specification(Integrated valves)

Model	7S0500	7S100	7S200
Fluid	Air(to be filtered by 40 μm filter element)		
Stations	Single solenoid	2 stations to 20 stations,each station for a rank	
	Double solenoid	3 stations to 20 stations(note 1),each station for a rank	
Electrical direction	Side outlet type(V type)/Up outlet type(H type)		
Electrical entry	25pin D-Sub(Single solenoid)/37pin D-Sub(Double Solenoid)		
Port size [Note2]	A/B Thread	M5	1/8" 1/4"
	Port Push-in fitting	Φ4Push-in fitting	Φ6/Φ8Push-in fitting Φ8/Φ10Push-in fitting
	P/R/S Port	1/8"	1/4"
Inlet and exhaust type	Centralized inlet and exhaust		
Operating pressure	0.15~0.8MPa(21~114psi)		
Proof pressure	1.2MPa(175psi)		
Shock Resistance	50G		
Temperature	-20~70°C		

[Note 1] Allow Max. 12 stations double solenoid valve and single solenoid at the rest stations.
[Note1] NPT thread and G thread are available.

Specification(Coil)

Item	specification
Standard voltage	DC24V, DC12V
Scope of voltage	DC: ±10%
Power consumption	DC: 0.9W
Protection	Dust Proof
Temperature classification	F Class

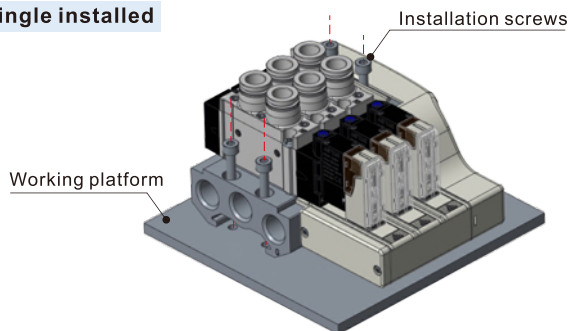
Product feature

1. To reduce the risk of installation error and simplify wiring process, the manifold valves adopt centralized inlet/exhaust and single signal input(25pin/37pin D-Sub).
2. Steady electrical signal transmission by transfer block, to reduce risk of wiring separately plus 50G shock resist through the test.
3. Assembly and expansion on the number of solenoid valves are flexible.
4. The manifold can be easily installed alone or installed with a DIN rail without extra accessories.
5. 2-position and 3-position solenoid valves can be installed on double controlled manifold at the same time without extra accessories.
6. With manual override for easier installation and adjustment.
7. Low starting voltage and long life cycle.

Installation and Application

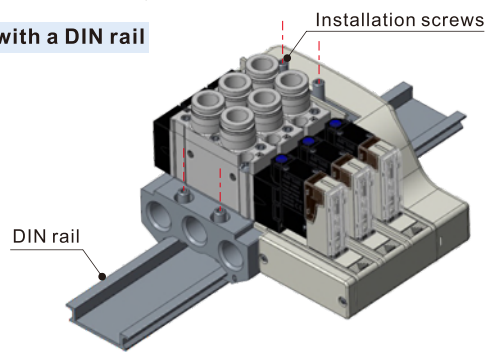
1. Stations installation methods: 2 options of manifold installed: single installed and installed with a DIN rail,detail as follows.

Single installed



Install on working platform with 4-M4X0.7(7S100, 7S200) or M3X0.5(7S0500) screws

Install with a DIN rail



Install on DIN rail by 4-M5X0.8(7S100, 7S200) or M4X0.4(7S0500) socket set screws

2. Inlet and exhaust port connection : please adopt the applicable fittings to connect inlet and exhaust port as the form followed.

Model	7S0500	7S100	7S200
Inlet and exhaust port size	1/8"	1/4"	1/4"

3. Working port connection: please adopt the applicable tube or fittings from the following form, and connect the working port with inlet/exhaust port of cylinders.

Model	7S0500	7S100	7S200
Working port specification	Push-in fittings	Φ4 Push-in fittings	Φ6、Φ8 Push-in fittings Φ8、Φ10 Push-in fittings
	Thread	M5	PT1/8 PT1/4