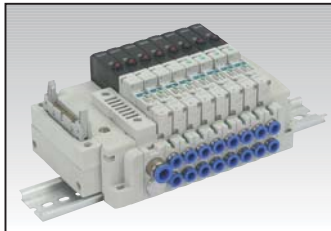


Plug-In Type 5port Pilot Solenoid Valve Series RS



- 2 Mounting options available (din rail or tie-rod)
- Multiple supply blocks adaptable
- Expandable to 24 single stations
- Single, double, 3 position and dual operation 3 port 4 position options available.
- Electrical input, d-sub, flat cable connector: for use with serial interface

Specifications—Solenoid Valve

Fluid		Air	
Operating Pressure Range MPa(kgf/cm ²)	Internal Pilot	2 Position Single	0.15~0.7 (1.5~7.1)
		2 Position Double	0.1~0.7 (1~7.1)
		3 Position	0.2~0.7(2~7.1)
		4 Position Dual 3 Port	0.15~0.7(2~7.1)
	External Pilot	Operating Pressure Range	-100kPa~0.7MPa
		Pilot Pressure	0.25~0.7
Ambient and Fluid temperature(°C)		0 ~ 50(32~122°F)	
Manual Override		Non Lock Push Type	
Pilot Exhaust	Internal Pilot	Common Exhaust for Main Valve & Pilot Valve	
	External Pilot	Individual Exhaust	
Lubrication		None	
Mounting		Free	
Impact/Vibration Resistance %		150/30	
Max. Operating Frequency(Hz)		2 Position, 4 Position	5
		3 Position	3
Enclosure		IP40	
Coil Voltage(V)		DC 24, DC 12	
Allowable Voltage(%)		-10~+10% of Rated voltage	
Polar		Nonpolar	
Power Consumption(W)		0.85 (with Lamp, Surge)	

Specifications—Manifold

		RS1000	RS2000
Type of Mounting		Din Rail, Tie Rod	
Supply & Exhaust		Common Supply and Exhaust	
Max. Stations		24	
Number of Output		24	
Port Size	P, R	Ø8, Ø5/16"	Ø10, Ø3/8"
	A, B	Ø4, Ø6, Ø5/32", Ø1/4"	Ø4, Ø6, Ø8, Ø5/32", Ø1/4", Ø5/16"

Flow Characteristics

Series		Valve Description	Pipe	Combined Orifice mm ² (Cv)
BASE Ported	RS1140	Single Solenoid	Ø6	4.0(0.22)
	RS1240	Double Solenoid	Ø6	4.0(0.22)
	RS1340	Closed Center	Ø6	3.3(0.18)
	RS1440	Exhaust Center	Ø6	3.3(0.18)
	RS1540	Pressure Center	Ø6	4.9(0.27)
	RS1640	4 Position N.C/N.C	Ø6	3.3(0.18)
	RS1740	4 Position N.O/N.O	Ø6	3.3(0.18)
	RS1840	4 Position N.C/N.O	Ø6	3.3(0.18)

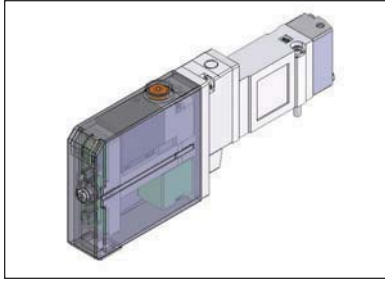
Response Time

Type	Response Time(ms)
2 Position Single	12 or less
2 Position Double	11 or less
3 Position	18 or less
4 Position Dual 3 Port	16 or less

ACP/
UACP
APM
AS
AX
AM
AM2
AL/
ALX
AQ/
UAQ
ADQCP
AQ2/
UADQ2
AG/
UAG
NGQ/
UNGG
AJ/
AJM
ABK
NSK
GX/
AGX
NDM
ADR
AMR/
UAMR
NST
AST
ASTH
NF
NLCD
NLCS
TCRL
NP
ARD/
UARD
NR
ASL
SB
SAH
CR/
CV
CR/
CV-AQ2,ADQ2
CR/
CV-AX
CR/
CV-NLCD
CR/
CV-AGL
DR100
RS
DV1000/
3000/4000
DS300
DS2000

Plug-In Valve Model Number System

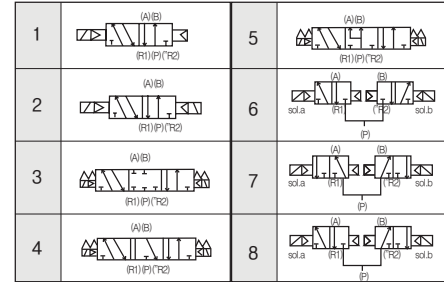
1) Valve Type Indication Method



RS 1 1 **40** - 5 -
1 2 3 4 5

- 1 Series**
 1 : RS1000
 * 2 : RS2000
 ※Inquire Separately

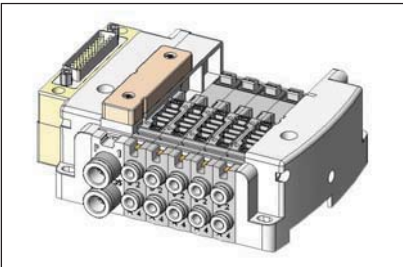
- 2 Transfer Type**
 1 : 2 Position Single
 2 : 2 Position Double
 3 : 3 Position Closed Center
 4 : 3 Position Exhaust Center
 5 : 3 Position Pressure Center
 6 : 4 Position Dual 3-Port:NC, NC
 7 : 4 Position Dual 3-Port:NO, NO
 8 : 4 Position Dual 3-Port:NC, NO



- 3 Pilot Specifications**
No Symbol : Internal Pilot
P : External Pilot
 Note) 4 Position Dual 3 Port Valves are not connected to external pilot.

- 4 Rated Voltage**
 5 : DC 24V
 6 : DC 12V
- 5 Manifold Option**
Blank : Manifold unattached
WM : Manifold attached

2) Manifold Assembly Type Indication Method



RSM 1 - **DR** **D** **V** - 05 B - T6
1 2 3 4 5 6 7 8

- 1 Series**
 1 : RS1000
 * 2 : RS2000
 ※Inquire Separately
- 2 Block Connection**
DR : Din Rail Connection(2~24 Station)
TR : Tie Rod Connection(11~24 Station)
DT : Combination of Din Rail & Tie Rod(11~24 Station)

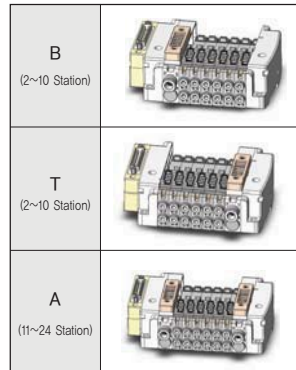
- 3 Connector Type**
D : D-sub Connector(25Pin)
F : Flat Cable Connector(26Pin)

- 4 Connector Pulling**
V : Vertical
H : Horizontal

- 5 Valve Connection**

02	St,2	Double Wiring
↓	↓	
12	St,12	Arrangement
↓	↓	
02	St,2	Arrangement
↓	↓	
24	St,24	

- 6 P, E Port Pulling Direction**



- 7 Pilot Specifications**

No Symbol	Internal Pilot	
N	Internal Pilot With Noise Reducer	
P	External Pilot	
PN	External Pilot With Noise Reducer	

- 8 Pipe Diameter**

(mm)			
Symbol	A,B Ports	P,E Ports	Series
T4	∅4	∅8	RS1000
T6	∅6		
T4	∅4	∅10	RS2000
T6	∅6		
T8	∅8		

(Inch)			
Symbol	A,B Ports	P,E Ports	Series
U4	∅5/32"	∅5/16"	RS1000
U6	∅1/4"		
U4	∅5/32"	∅3/8"	RS2000
U6	∅1/4"		
U8	∅5/16"		