

4V100 SERIES SOLENOID VALVE, PNEUMATIC CONTROL VALVE



Ordering Code

4V - 1 - 10 - 06 - B - W - AC220V

Specification Code

4V: 5/2(3) Way Solenoid Valve
4A: 5/2(3) Way Pneumatic Control Valve
3V: 3/2 Way Solenoid Valve
3A: 3/2 Way Pneumatic Control Valve

Series Code

100 Series

10: Single-head Double-position
20: Double-head Double-position
30C: Double-head Three-position Close Type
30E: Double-head Three-position Exhaust Type
30P: Double-head Three-position Pressure Type

Port Size
M5: M5x0.8
06: 1/8"

Joint Pipe Form and Initial State
Blank: Pipe Connection Type
B: 5/2 Way Plate Connection Type
5/3 Way Plate Connection Type
NC: 3/2 Way Normal Close Type
NO: 3/2 Way Normal Open Type

Wiring Form
Blank: Standard Connector
LD: Brown with Lighting Connector
LD: White with Lighting Connector
W: Lead Wire Type

Standard Voltage
DC12V
DC24V
AC24V 50Hz/60Hz
AC110V 50Hz/60Hz
AC220V 50Hz/60Hz
AC380V 50Hz/60Hz

Specification

Model	4V110-M5 4V120-M5	4V130C-M5 4V130E-M5 4V130P-M5	4V110-06 4V120-06	4V130C-06 4V130E-06 4V130P-06
	4A110-M5 4A120-M5	4A130C-M5 4A130E-M5 4A130P-M5	4A110-06 4A120-06	4A130C-06 4A130E-06 4A130P-06
Position and Way No.	5/2 Way	5/3 Way	5/2 Way	5/3 Way
Effective Section Area	10mm ² (CV=0.56)	7mm ² (CV=0.40)	12mm ² (CV=0.67)	9mm ² (CV=0.5)
Model	3V110-M5 3V120-M5 3A110-M5 3A120-M5	3V110-06 3V120-06 3A110-06 3A120-06		
Position and Way No.	3/2 Way		3/2 Way	
Effective Section Area (mm)	10mm ² (CV=0.56)		12mm ² (CV=0.67)	
Port Size	Air Inlet=Air Outlet=Exhaust=M5×0.8		Air Inlet=Air Outlet=Exhaust=G1/8"	
Working Medium	40 Micron Filtered Air			
Motion Pattern	Inner Guide Type			
Working Pressure	0.15~0.8MPa			
Max. Pressure Resistance	1.2MPa			
Ambient Temperature	5~50℃			
Voltage Range	± 10%			
Power Consumption	AC: 2.5VA DC: 2.5W			
Insulation & Protection Class	F Class. IP65			
Wiring Form	Lead Wire or Connector type			
Highest Action Frequency	5 Cycle / Sec			
Shortest Excitation Time	0.05 Second			