

4V, 3V400 Series Solenoid Valve, 4A, 3A 400 Series Pneumatic Control Valve



4A410-15

4V420-15

3A410-15

3V410-15

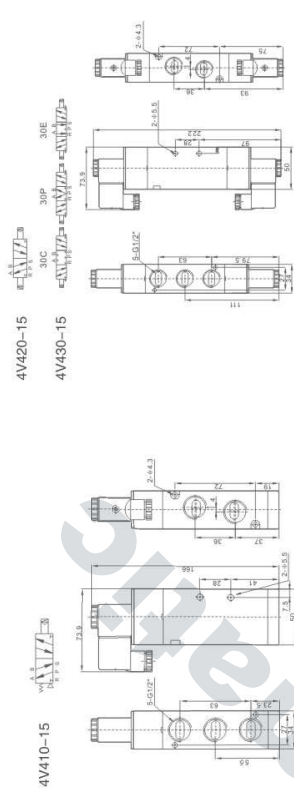
Ordering Code

4V	Series Code 400 Series	Coil and Places 10: Single-head Double-position 10:G:3/8" 20: Double-head Double-position 15:G:1/2"	Port Size and Initial State NC: Two-position Three-way Normal Close Type NO: Two-position Three-way Normal Open Type	Standard Voltage DC:12V AC:24V AC110V AC220V AC380V	Wiring Form Blank Standard LD: Brown Lighting Connector LD1: White Lighting Connector WL: Lead Wire Type
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Specification

Model	4V410-15	4V420-15	4V430C-15	4V430E-15	4V430P-15
Position and Way NO.	4A410-15	4A420-15	4A430C-15	4A430E-15	4A430P-15
Effective Sectional Area	Two-position Five-way 50mm ² (CV=2.79)				
Model	3V410-15	3V420-15	3A410-15	3A420-15	3A430P-15
Position and Way NO.	Three-position Five-way 30mm ² (CV=1.68)				
Effective Section Area	Two-position Three-way 50mm ² (CV=2.79)				
Joint Pipe Bore	Air Inlet=Air Outlet=Exhaust=G1/2"				
Working Medium	40 Micron Filtered Air				
Motion Pattern	Inner Guide Type				
Working pressure	0.15~0.8 MPa				
Max. Pressure Resistance	1.2MPa				
Operating Temperature	5~50°C				
Voltage Range	±10%				
Power Consumption	AC: 4.5VA DC:3W				
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				

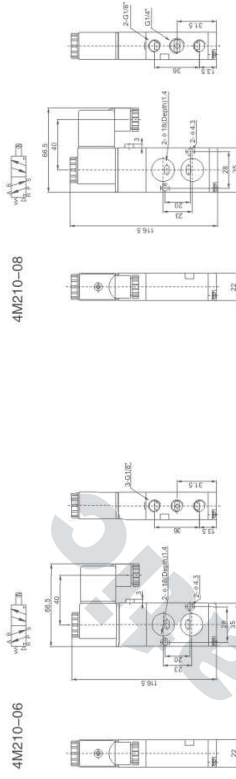
Overall Dimensions



4M Series Plate Type Valve

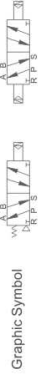
4M Series Plate Type Valve

Overall Dimensions

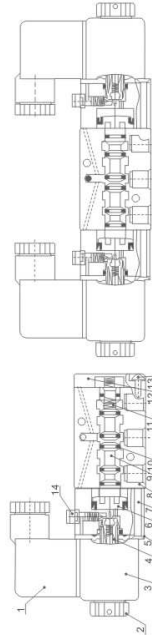


Ordering Code

4M	2	10	06	AC220V	<input type="checkbox"/>
Specification Code	Body Size 2.118" and 1/4" Valve body 3.114" and 3/8" Valve body	Coil and Places 10 Single-head Double-position 20 Double-head Double-position	Port Size 06: G1/8" 08: G1/4" 10: G3/8"	Standard Voltage DC12V DC24V AC110V AC220V AC380V	Wiring Form Blank-Standard Connector LD Brown With Lighting Connector LD1: White With Lighting Connector W: Lead Wire Type



Internal structure



NO	Designation	NO	Designation
1	Connector	8	Valve body
2	Nut	9	Spool
3	Coil	10	O-Ring
4	Pilot units	11	Spring
5	Plate	12	Rear cover
6	Piston	13	Screw
7	Screw	14	Manual override

Specification

Model	4M210-06	4M220-06	4M210-08	4M220-08	4M310-08	4M320-08	4M310-10	4M320-10
Working Medium	40 Micron Filtered Air							
Motion Pattern	Inner Guide Type							
Position and Way NO.	Two-position Five-way							
Effective Section Area	14mm ² (CV=0.78)	16mm ² (CV=0.89)	16mm ² (CV=0.89)	25mm ² (CV=1.39)	25mm ² (CV=1.39)	30mm ² (CV=1.67)	30mm ² (CV=1.67)	30mm ² (CV=1.67)
Port Size	Air Inlet-Exhaust=G1/8"	Air Inlet-Exhaust=G1/8"	Air Inlet-Exhaust=G1/8"	Air Inlet-Exhaust=G1/8"	Air Inlet-Exhaust=G1/4"	Air Inlet-Exhaust=G1/4"	Air Inlet-Exhaust=G1/4"	Air Inlet-Exhaust=G1/4"
Lubricate	Not Necessary							
Working-Pressure	0.15~0.8MPa							
Max.Pressure Resistance	1.2MPa							
Operating Temperature	5~60 C							
Voltage Range	-15%~+10%							
Power Consumption	AC380V/2.5VA, AC220V/2.0VA, AC110V/2.5VA, AC24V/3.5VA, DC24V/3.0W, DC12V/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							