

### 4M Series Plate Type Valve



4M210-08

4M310-10

4M220-08

Ordering Code

4M 2 10 06 AC220V

**Specification Code**  
4M:Two-position  
Five-way Plate Type  
Valve

**Body Size**  
2:1/8" and 1/4"  
Valve body  
3:1/4" 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"

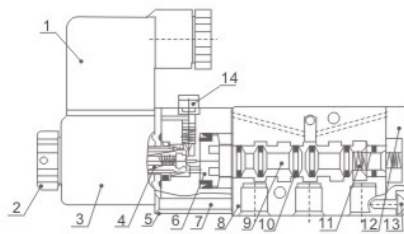
**Standard Voltage**  
DC12V  
DC24V  
AC24V 50Hz/60Hz  
AC110V 50Hz/60Hz  
AC220V 50Hz/60Hz  
AC380V 50Hz/60Hz

**Wiring Form**  
Blank:Standard  
Connector  
LD:Brown With  
Lighting Connector  
LD1:White With  
Lighting Connector  
W:Lead Wire Type

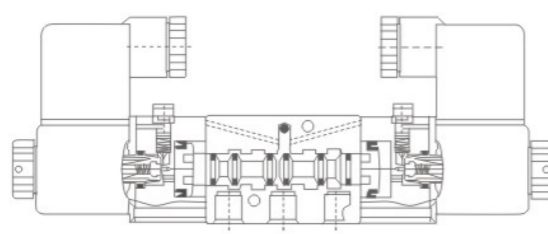
Graphic Symbol



Internal structure



4M 210-310



4M 220-320

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

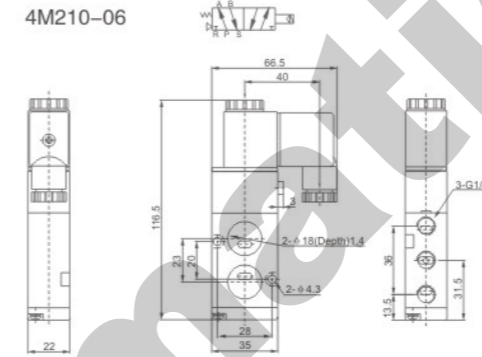
Specification

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 <sup>2</sup> (CV=0.78)		16mm <sup>2</sup> (CV=0.89)		25mm <sup>2</sup> (CV=1.39)		30mm <sup>2</sup> (CV=1.67)	
Port Size	Air Inlet=Exhaust=G1/8"		Air Inlet=G1/4"/Exhaust=G1/8"		Air Inlet=Exhaust=G1/4"		Air Inlet=G3/8"/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							

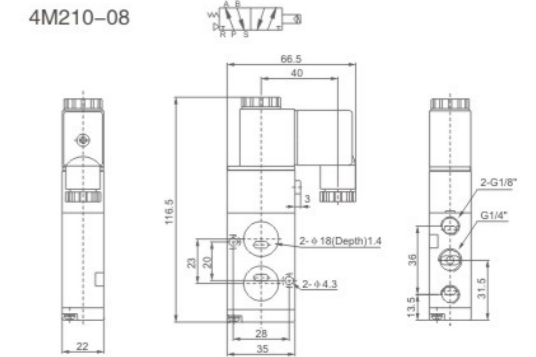
### 4M Series Plate Type Valve

Overall Dimensions

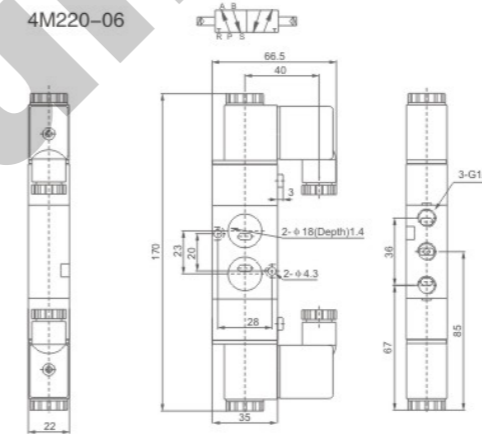
4M210-06



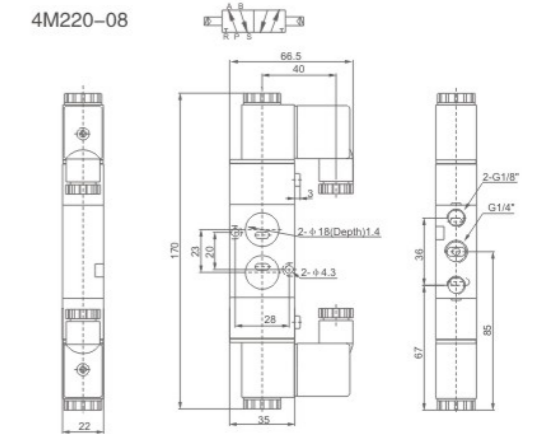
4M210-08



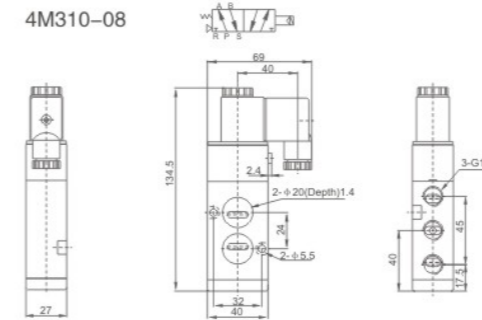
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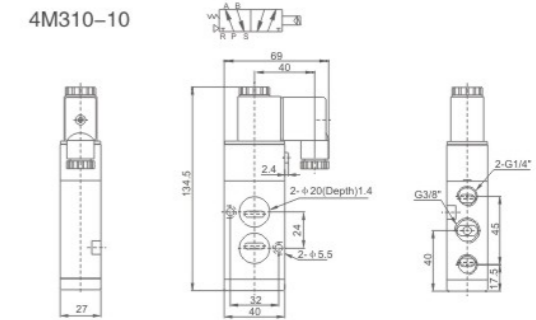
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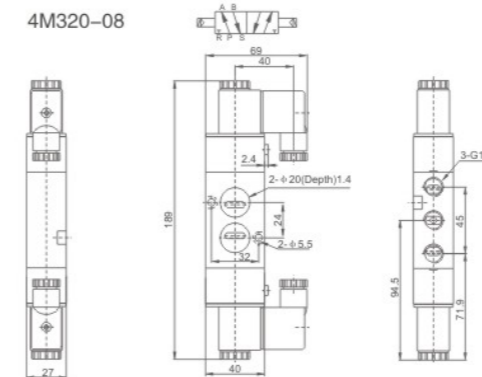
4M310-08



4M310-10



4M320-08



4M320-10

