

Graphic Symbol



ORDERING CODE

S4M	3	10	10	A	□	□
↑	↑	↑	↑	↑	↑	↑
Model	Code	Valve type	Port size	Voltage	Electrical entry	Thread type
S4M:Stainless steel Solenoid valve (5/2way) NAMUR specifications	1:100 series 2:200 series 3:300 series	10:Double position single electronic control 20:Double position double electronic control	M5:M5 06:1/8'' 06:1/8'' 08:1/4'' 08:1/4'' 10:3/8''	A:AC220V B:DC24V C:AC110V E:AC24V F:DC12V	Blank:Terminal I:Grommet	No this code Blank:PT G:G T:NPT

Remark:
Pls feel free to contact with us if have any customized request.

FEATURE

1. Internal leading structure
2. Structure in sliding column mode:good tightness and sensitive reaction
3. Double head two position solenoid valve with memory function
4. Internal hole adopts special processing technology which has little attrition friction, low start pressure and long service life
5. No need to add oil for lubrication
6. Side panel installation, can be directly connected to the actuator for use
7. Affiliated manual devices are equipped to facilitate installation and debugging
8. Several standard voltage grades are optional

SPECIFICATION

Model	S4M110-M5 S4M120-M5	S4M110-06 S4M120-06	S4M210-06 S4M220-06	S4M210-08 S4M220-08	S4M310-08 S4M320-08	S4M310-10 S4M320-10
Fluid	Air(to be filtered by 40μm filter element)					
Acting	Internal pilot					
Port size [Note1]	In=Exhaust =M5	In=Exhaust =1/8''	In=Exhaust =1/8''	In=1/4'' Exhaust=1/8''	In=Exhaust =1/4''	In=3/8'' Exhaust=1/4''
Orifice size(Cv) [Note4]	S4M110-06, S4M120-06: 10.2mm²(Cv=0.6)		S4M210-08, S4M220-08: 17.0mm²(Cv=1.0)		S4M310-10, S4M320-10: 28.0mm²(Cv=1.65)	
Valve type	5 port 2 position					
Operating pressure	0.15~0.8MPa(21~114psi)					
Proof pressure	1.2MPa(175psi)					
Temperature	-20~70°C					
Material of body	Stainless steel					
Lubrication [Note2]	Not required					
Max.frequency [Note3]	5 cycle/sec				4 cycle/sec	

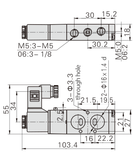
[Note1]PT thread,G thread and NPT thread are available
[Note2]Once lubricated air is used,continue with same medium to optimise valve life span.Lubricants like ISO VG32 or equivalent are recommended
[Note3]The maximum actuation frequency is in the no-load state
[Note4]Equivalent orifice Sand Cv are all calculated from the flow rate data

ELECTRICAL PERFORMANCE PARAMETERS

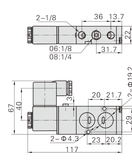
Item	S4M110 S4M120					S4M210 S4M220 S4M310 S4M320				
Standard voltage	AC220V	AC110V	AC24V	DC24V	DC12V	AC220V	AC110V	AC24V	DC24V	DC12V
Scope of voltage	AC:±15% DC:±10%									
Power consumption	3.5VA	3.5VA	4.0VA	2.8W	2.5W	4.5VA	4.5VA	5.0VA	3.0W	2.5W
Protection	IP65(DIN40050)									
Temperature classification	B Class									
Electrical entry	Terminal,Grommet									
Activating time	0.05 sec and below									

OVERALLDIMENSION&STRUCTURE

S4M110(Terminal)



S4M210(Terminal)



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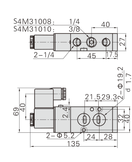

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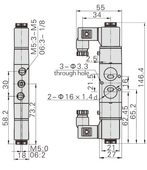

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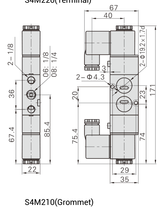

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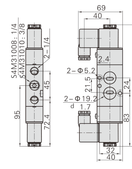
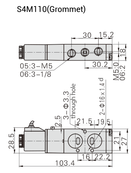


S4M110(Grommet)



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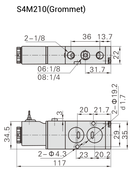

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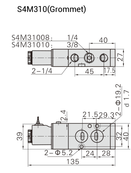

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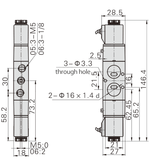

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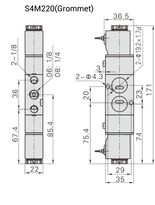

S4M320(Grommet)

