

V Series Standard/Low Power Solenoid Valve (2/2 way)



V

Standard/Low Power Solenoid Valve (2/2)



Product Features

- * Various voltages and working styles are available.
- * Different surface treatment, thread types (G,PT,NPT) are available.

How to Order?

Low Power Solenoid Valve

Series No.	ID Code	Positions	Ways	Controls	Port Size	Voltage	Connection Mode	Cover Color	Patchcord	Thread Type
N	M: Standard armature +Energy saving coil	2 positions	2:2 ways	1: Single control	06: 1/8 " 08: 1/4 "	E1 : AC110V E2: AC220V E4: DC24V	Blank: DIN connector type L: Plug-in Type	Blank: Brown translucent J: Colorless and translucent	Blank: Patchcord length is 0.3 meter 0.6M: Patchcord length is 0.6 meter 1M: Patchcord length is 1 meter (Options for "L: Plug-in type" Only)	Blank: G P: PT T: NPT

Standard Solenoid Valve

Series No.	Positions	Ways	Controls	Port Size	Voltage	Connection Mode	Cover Color	Patchcord	Thread Type										
V	2 positions	2:2 ways	1: Single control	06: 1/8 " 08: 1/4 "		Blank: DIN connector F: Flying leads L: Plug-in Type	Blank: Brown translucent J: Colorless and translucent	Blank: Patchcord length is 0.3 meter 0.6M: Patchcord length is 0.6 meter 1M: Patchcord length is 1 meter (Options for "L: Plug-in type" and "F: Flying leads type" Only)	Blank: G P: PT T: NPT										
				<table border="1"> <tr> <td>E1: AC110V</td> <td>E6: AC36V</td> </tr> <tr> <td>E2: AC220V</td> <td>E7: AC24V</td> </tr> <tr> <td>E3: AC380V</td> <td>E8: DC110V</td> </tr> <tr> <td>E4: DC24V</td> <td>E9: DC48V</td> </tr> <tr> <td>E5: DC12V</td> <td>E10: DC36V</td> </tr> </table>		E1: AC110V	E6: AC36V	E2: AC220V	E7: AC24V	E3: AC380V	E8: DC110V	E4: DC24V	E9: DC48V	E5: DC12V	E10: DC36V				
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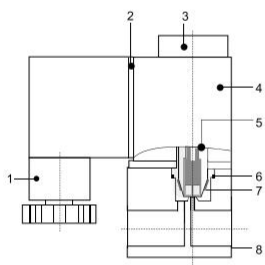
Order Example:

V series directional valve, 2/2 way, single control, 1/8 port size, AC110V, DIN connector, G thread, the ERP code is: V221-06E1

Specifications

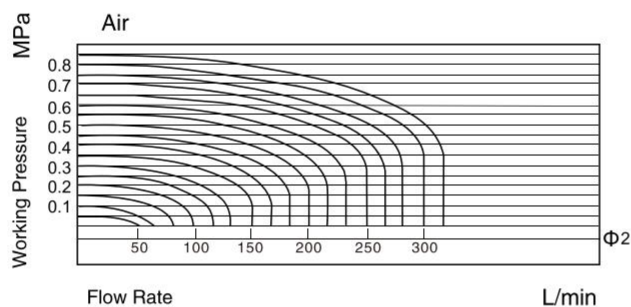
Model No.	NM221-06	NM221-08	V221-06	V221-08
Working medium	Air, water, oil			
Acting type	Direct acting			
Orifice (mm)	2			
Port size	1/8	1/4	1/8	1/4
Lubrication	Not required			
Working pressure (MPa)	0-0.8			
Guaranteed pressure (MPa)	1.2			
Working temperature (°C)	-5-60(No freezing)			
Voltage range	-15% - +10%			
Power consumption	DC24V:0.7W	AV220V:0.9VA	AC110V:1.4VA	AC:4VA DC:3W
Insulation class	Class F			
Protective class	IP65 (DIN40050)			
Activate time (s)	<0.05			
Seal material	NBR			
Weight (g)	141	138	141	138

Internal Structure



No	Designation
1	Connector
2	Connector washer
3	Nut
4	Coil
5	Pilot units
6	O-ring
7	Spring
8	Valve body

Flow Chart



Main Parts Material

Part name	Material
Valve body	Aluminum alloy
Connector	Engineered plastics
Connector washer	NBR (FPM)
Pilot units	Pure steel+Cu+Stainless steel
Diaphragm	NBR
Nut	POM+Carbon steel
Coil	Brass Wire covered with heat resistance colophony

Main Dimension

V221-06/08

