

How to Order

Note) AC-type models that are CE-compliant have DIN terminals only.

Type of actuation

1	2 position single solenoid
2	2 position double solenoid
3	3 position closed center
4	3 position exhaust center
5	3 position pressure center

Light/Surge voltage suppressor

Electrical entry for G, H, L, M, W

Nil	Without light/surge voltage suppressor
S	With surge voltage suppressor
Z	With light/surge voltage suppressor
R	With surge voltage suppressor (Non-polar type)
U	With light/surge voltage suppressor (Non-polar type)

* For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.
 * For type "R" and "U", DC voltage is only available.
 * Power saving circuit is only available in the "Z" type.

Electrical entry for D, Y

Nil	Without light/surge voltage suppressor
S	With surge voltage suppressor (Non-polar type)
Z	With light/surge voltage suppressor (Non-polar type)

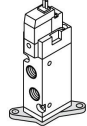
* DOZ and YOZ are not available.
 * For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

Bracket

Nil: Without bracket
 F: With bracket



Note) Do not remove the factory installed bracket from models with the bracket option. Removal of the bracket will cause the valve to leak. Brackets cannot be retrofitted.
 * 2 position single type only.

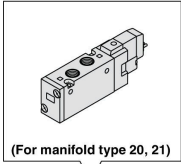
Rated voltage

DC	24 VDC	AC (50/60 Hz)	100 VAC
5	24 VDC	1	100 VAC
6	12 VDC	2	200 VAC
V	6 VDC	3	110 VAC [115 VAC]
S	5 VDC	4	220 VAC [230 VAC]
R	3 VDC		

* DC specifications of type D, Y, DO and YO are only available with 12 and 24 VDC.
 * For type W□, DC voltage is only available.
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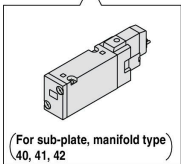
A, B port size

01	1/8
C6	One-touch fitting for ø6
C8	One-touch fitting for ø8
N7	One-touch fitting for ø1/4"
N9	One-touch fitting for ø5/16"



Body ported

Base mounted

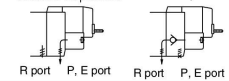


SYJ7 **1 2 0** □ - **5 M** □ □ - **01** □ □ □ □ □ □ □ □

SYJ7 **2 4 0** □ - **5 M** □ □ □ □ □ □ □ □

Body option

0: Pilot valve individual exhaust for the pilot valve
 3: Common exhaust type for main and pilot valve



Coil specifications

Nil	Standard
T	With power saving circuit <24, 12 VDC only>

* Power saving circuit is not available in the case of D, Y, DO, YO or W□ type.

Thread type

Nil	Rc
F	G
N	NPT
T	NPTF

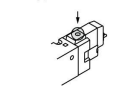
CE-compliant

Nil	—
Q	CE-compliant

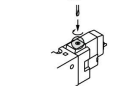
Note) AC-type models that are CE compliant have DIN terminals only.

Manual override

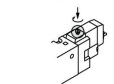
Nil: Non-locking push type



D: Push-turn locking slotted type



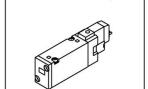
E: Push-turn locking lever type



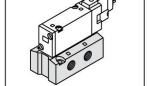
Note 1) Enter the cable length symbols in □. Please be sure to fill in the blank referring to page 244.

Port size

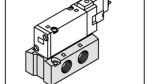
Nil: Without sub-plate



01: 1/8 With sub-plate (Note)



02: 1/4 With sub-plate



Note) R1, R2 port: 1/4

Electrical entry

24, 12, 6, 5, 3 VDC 100, 110, 200, 220 VAC			24, 12 VDC 100, 110, 200, 220 VAC		24, 12, 6, 5, 3 VDC	
Grommet	L plug connector	M plug connector	DIN terminal	M8 connector		
G: Lead wire length 300 mm	L: With lead wire (Length 300 mm)	M: With lead wire (Length 300 mm)	DN, Y: With connector	WO: Without connector cable		
H: Lead wire length 600 mm	LN: Without lead wire	LO: Without connector	DO, YO: Without connector	W□: With connector cable (Note 1)		
	MO: Without connector					
CE compliant	DC	●	●	●	●	
	AC	—	—	—	—	

* LN, MN type: with 2 sockets.
 * Refer to page 241 for the lead wire length of L and M plug connectors.
 * Refer to page 244 for the connector assembly with cover for L and M plug connectors.
 * DIN terminal type "Y" which conforms to EN-175301-803C (former DIN43650C) is also available. For details, refer to page 243.
 * For connector cable of M8 connector, refer to page 244.
 * M8 thread conforming to IEC60947-5-2 standard is also available. Refer to page 239 for details.

Note) When placing an order for body ported solenoid valve as a single unit, mounting screws for manifold and gasket are not attached. Order them separately, if necessary. (For details, refer to page 228.)