



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

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- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
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## How to Order Valve

**SY 5 2 40** [ ] [ ] - **5 L** [ ] [ ] - [ ] - [ ]

**Series**

3	SY3000
5	SY5000

**Type of actuation**

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

**Pilot type**

Nil	Internal pilot
R	External pilot

**Coil specifications**

Nil	Standard
T	With power saving circuit (24 VDC, 12 VDC only)

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

**Rated voltage**

**For DC**

5	24 VDC
6	12 VDC
V	6 VDC
S	5 VDC
R	3 VDC

**For AC (50/60 Hz)**

1	100 VAC
2	200 VAC
3	110 VAC [115 VAC]
4	220 VAC [230 VAC]

\* DC specifications of Type D, Y, DO and YO is only available with 12 and 24 VDC.  
 \* For type W□, DC voltage is only available.  
 \* D, Y, DO and YO only available for SY5000.

**Made to Order**

Nil	—
X90	Main valve fluoro rubber (Refer to page 332.)

**CE-compliant**

Nil	—
Q	CE-compliant

\* For DC only except DIN terminal.

**Manual override**

Nil	Non-locking push type
D	Push-turn locking slotted type
E	Push-turn locking lever type

**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 "R" and "U", DC voltage is only available.  
 \* Power saving circuit is only available in the "Z" type.

**Electrical entry for D, Y (SY5000 only)**

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.

- SJ
- SY**
- SV
- SYJ
- SZ
- VP4
- S0700
- VQ
- VQ4
- VQ5
- VQC
- VQZ
- SQ
- VFS
- VFR
- VQ7

**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
<b>G:</b> Lead wire length 300 mm	<b>L:</b> With lead wire (Length 300 mm)	<b>M:</b> With lead wire (Length 300 mm)	<b>(SY5000 only)</b> <b>D:</b> With connector	<b>WO:</b> Without connector cable
<b>H:</b> Lead wire length 600 mm	<b>LN:</b> Without lead wire	<b>MN:</b> Without lead wire	<b>DO:</b> Without connector	<b>W□:</b> With connector cable (Note)
	<b>LO:</b> Without connector	<b>MO:</b> Without connector	<b>Y:</b> With connector	
			<b>YO:</b> Without connector	

- \* LN, MN type: with 2 sockets.
- \* D, Y, DO and YO only available for SY5000.
- \* "Y" type is a DIN terminal conforming to EN-175301-803C (former DIN43650C). Refer to page 336 for details.
- \* Setting "-5LOU" is available only for connector box type.
- \* Refer to page 339 for connector cable of M8 connector.
- \* M8 connector conforming to IEC60947-5-2 standard is also available. Refer to page 331 for details.
- \* Refer to page 336 for the lead wire length of L and M plug connectors.
- \* Refer to page 337 for the connector assembly with cover for L and M plug connectors.



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