

# 4 Port Solenoid Valve Body Ported Series VZ1000

## How to Order

VK

VZ

VF

VFR

VP4

VZS

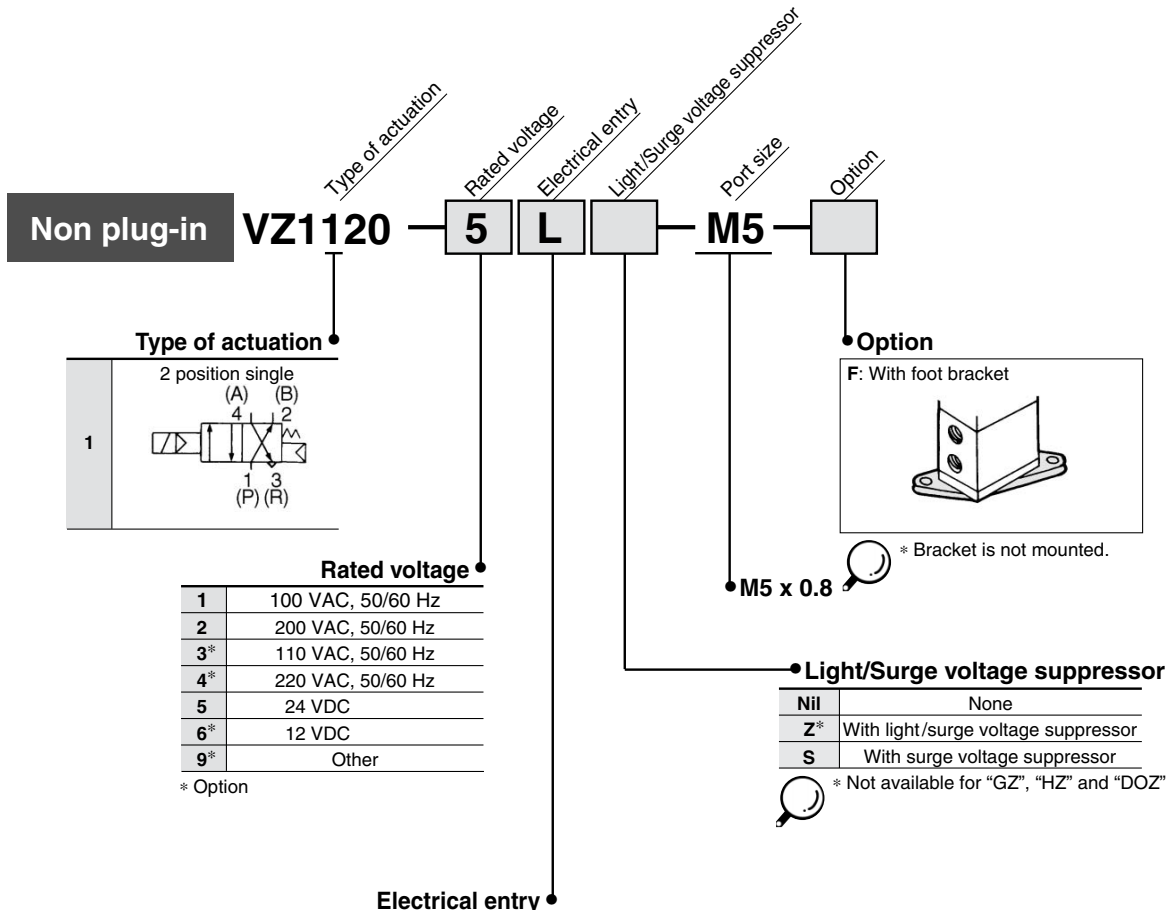
VFS

VS4

VQ7

EVS

VFN



Grommet	L plug connector	M plug connector		DIN terminal
<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>MN:</b> Without lead wire	<b>D:</b> With connector
<b>H:</b> Lead wire length 600 mm	<b>LN:</b> Without lead wire	<b>LO:</b> Without connector	<b>MO:</b> Without connector	<b>DO:</b> Without connector

\* Type "LN", "MN": with 2 sockets.

### Option

Description	Part no.	Note
Foot bracket	DXT170-34-1B	With mounting screw (M3 x 8)



# Series VZ1000

Applicable for cylinder actuation (up to  $\phi 16$ ).

Compact size  
(Width: 15 mm)

Low power consumption:  
1.8 W DC



**Made to Order Specifications**  
(For details, refer to page 3-3-85.)

## Specifications

Valve configuration	Pilot type 4 port solenoid valve
Fluid	Air
Operating pressure range (MPa)	0.15 to 0.7
Ambient and fluid temperature ( $^{\circ}\text{C}$ )	-10 to 50 (No freezing. Refer to page 3-13-4.)
Response time (ms) (at the pressure of 0.5 MPa) <sup>(1)</sup>	15 or less
Max. operating frequency (Hz)	15
Effective area	Refer to the table below.
Lubrication	Not required
Manual override	Non-locking push type
Exhaust throttle	Not available
Mounting orientation	Unrestricted
Shock/Vibration resistance ( $\text{m/s}^2$ ) <sup>(2)</sup>	300/50
Enclosure	Dustproof



Note 1) Based on dynamic performance test, JIS B 8375-1981. (Coil temperature:  $20^{\circ}\text{C}$ , at rated voltage, without surge suppressor)

Note 2) Impact resistance: No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition. (Values at the initial period)

Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 1000 Hz. Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values at the initial period)

## Solenoid Specifications

\* Option

Electrical entry	Grommet (G)/(H), L plug connector (L), M plug connector (M), DIN terminal (D)	
Coil rated voltage (V)	AC 50/60 Hz	100, 200, 24*, 48*, 110*, 220*
	DC	24, 6*, 12*, 48*
Allowable voltage fluctuation (%)	-15 to +10% of rated voltage	
Power consumption (W) <sup>Note)</sup> [Current mA]	DC 1.8 (With indicator light 2.1) [24 VDC: 75 (With indicator light 87.5)]	
Apparent power (VA) <sup>Note)</sup> [Current mA]	AC	Inrush 4.5/50 Hz, 4.2/60 Hz [ 100 VAC: 45/50 Hz, 42/60 Hz 200 VAC: 22.5/50 Hz, 21/60 Hz ]
		Holding 3.5/50 Hz, 3/60 Hz [ 100 VAC: 35/50 Hz, 30/60 Hz 200 VAC: 17.5/50 Hz, 15/60 Hz ]
Surge voltage suppressor	DC: Diode, AC: ZNR	
Indicator light	DC: LED (Red), AC: Neon bulb	



Note) At rated voltage

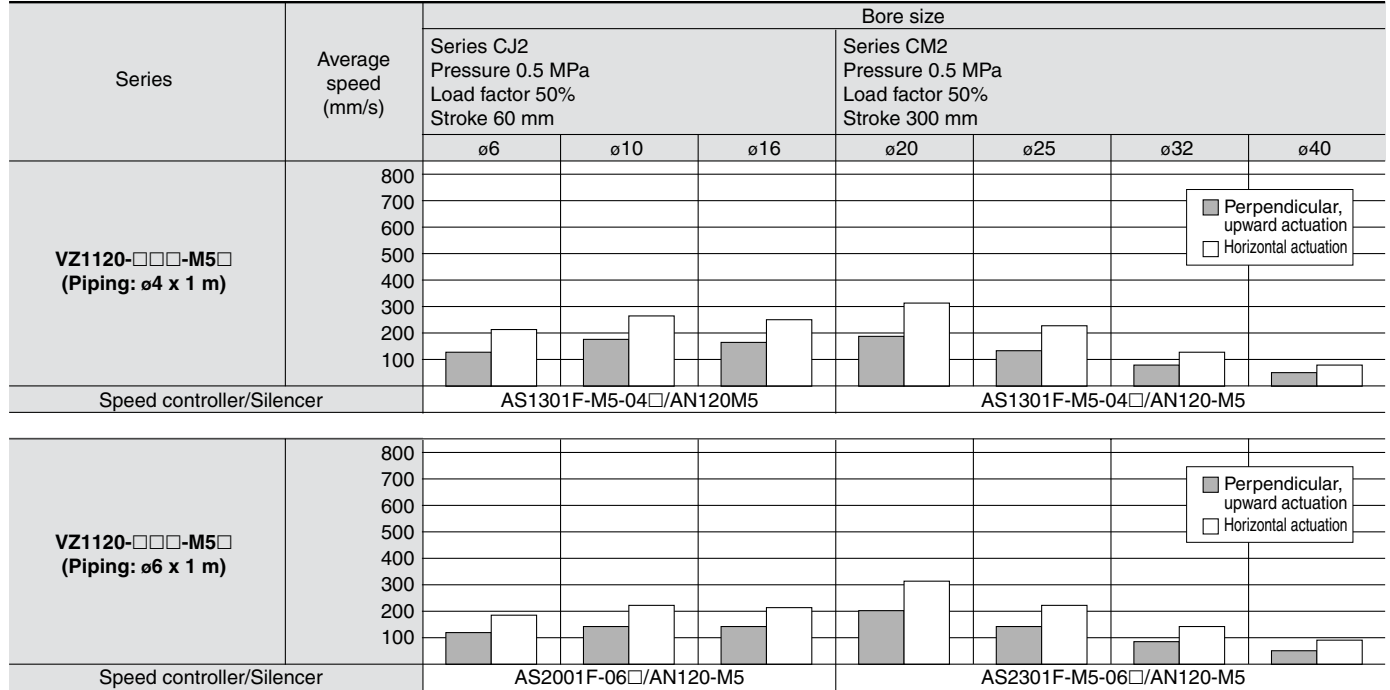
## Effective Area/Weight

Valve model	Type of actuation	Effective area ( $\text{mm}^2$ )		Port size	Weight (g)
		1 $\rightarrow$ 4	2 $\rightarrow$ 3		
VZ1120- <input type="text"/> -M5	2 position single solenoid	1 $\rightarrow$ 4	0.6	M5 x 0.8	90
		2 $\rightarrow$ 3	1.5		
		1 $\rightarrow$ 2	1.0		
		4 $\rightarrow$ 3	0.9		

# 4 Port Solenoid Valve Body Ported Series VZ1000

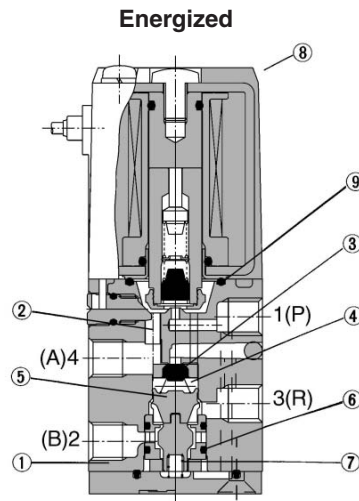
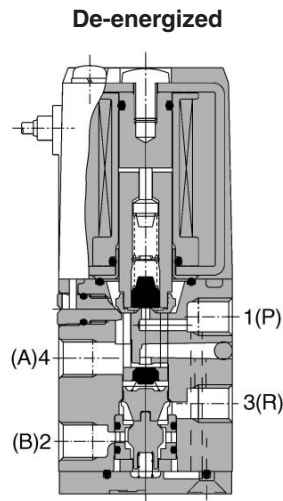
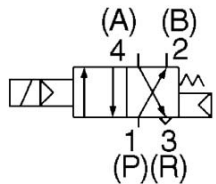
## Cylinder Speed Chart

Use as a guide for selection.  
Please confirm the actual conditions with SMC Sizing Program.



- \* It is when the cylinder is extending that is meter-out controlled by speed controller which is directly connected with cylinder, and its needle valve with being fully open.
- \* The average velocity of the cylinder is what the stroke is divided by the total stroke time.
- \* Load factor: ((Load weight x 9.8)/Theoretical force) x 100%

## Construction



## Component Parts

No.	Description	Material	Note
①	Body	ZDC	Platinum silver
②	Push rod	Resin	
③	EXH poppet	NBR	
④	Back up spring	Stainless steel	
⑤	V seal	FKM	
⑥	Retainer assembly	Brass, NBR	
⑦	Poppet spring	Stainless steel	

## Replacement Parts

No.	Description	Material	Part no.	Note
⑧	Solenoid assembly	Epoxy/Stainless steel	DXT170-A-□□□	
⑨	O-ring	NBR	13 x 11 x 1	Common with Series VZ <sub>5</sub> 000

VK

VZ

VF

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VFS

VS4

VQ7

EVS

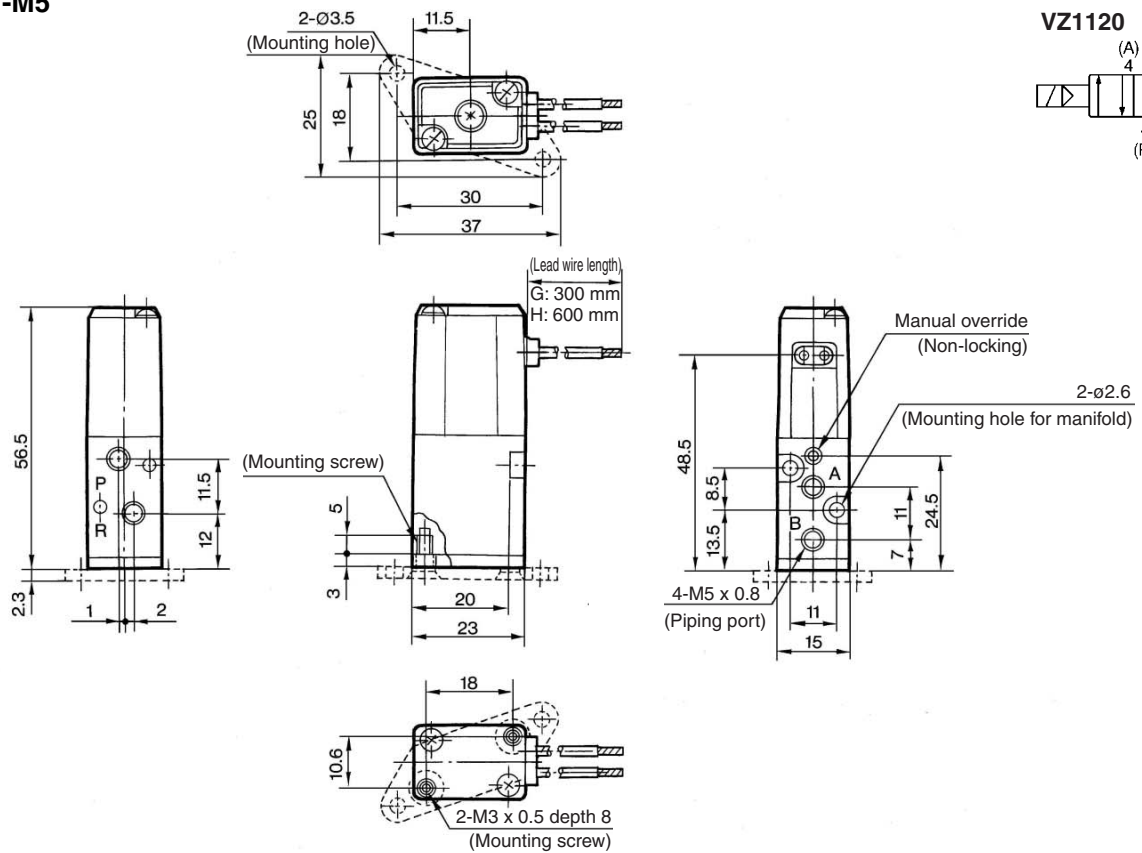
VFN

# Series VZ1000

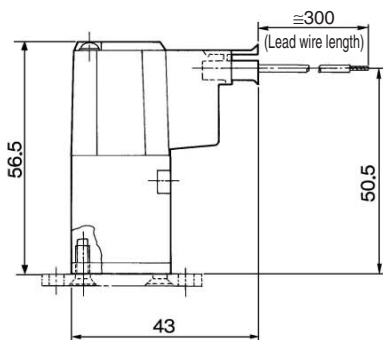


## 2 Position Single

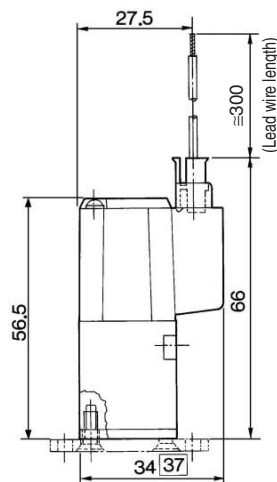
### Grommet (G), (H) VZ1120-□G□-M5



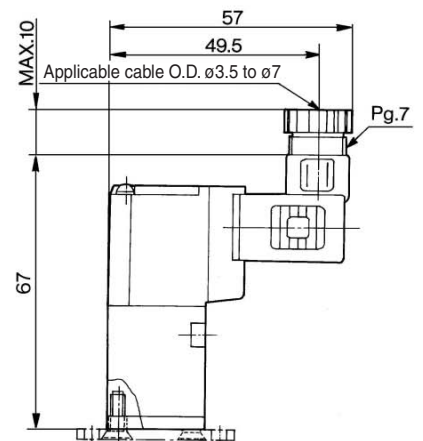
### L plug connector (L) VZ1120-□L□-M5



### M plug connector (M) VZ1120-□M□-M5



### DIN terminal (D) VZ1120-□D□-M5

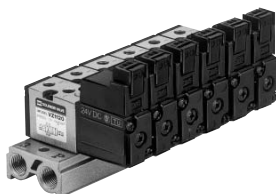


□: With light/surge voltage suppressor

# Series VZ1000

# Manifold Specifications

## Manifold Standard



### Manifold Specifications

Model	Type 20	
Manifold type	Single base/B mount	
P(SUP)/R(EXH)	Common SUP/Common EXH	
Valve stations	2 to 20 stations	
A, B port location	Valve	
Port size	1(P), 3(R) port	Rc 1/8
	4(A), 2(B) port	M5 x 0.8
Valve <sup>Note)</sup> effective area (mm <sup>2</sup> )	VZ1120	1 → 4: 0.48, 4 → 3: 0.85

Note) Value at manifold base mounted, single operating

### How to Order Manifold

Instruct by specifying the valves and blanking plate assembly to be mounted on the manifold along with the manifold base model no.

(Example) VV4Z1-20-031.....1 pc. (Manifold base)

\*VZ1120-5G-M5.....2 pcs. (Valve)

\*DXT170-25-1A.....1 pc. (Blanking plate assembly)

The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

## Flat Ribbon Cable Manifold

- **One-touch wiring to consolidate connection of external wires.**

- **Clean appearance**

The flat cable provides wiring on a printed circuit board to the individual valves at the manifold base, enabling the consolidation of external wiring at a touch through a 26 pins MIL connector.



### Flat Ribbon Cable Manifold Specifications

Model	Type 21P	
Manifold type	Single base/B mount	
P(SUP), R(EXH)	Common SUP/Common EXH	
Valve stations	3 to 12 stations	
A, B port location	Valve	
Port size	1(P), 3(R) port	Rc 1/8
	4(A), 2(B) port	M5 x 0.8
Valve <sup>(1)</sup> effective area (mm <sup>2</sup> ) (Cv factor)	VZ1120	1 → 4: 0.48, 4 → 3: 0.85
Applicable flat ribbon cable connector	Socket: 26 pins MIL, with strain relief (Conforming to MIL-C-83503)	
Internal wiring	+ COM (For – COM specifications, specify them separately.)	
Applicable valve model	VZ1120- $\frac{1}{6}$ MOZ-M5	
Rated voltage	100 VAC 50/60 Hz, 110 VAC 50/60 Hz, 24 VDC, 12 VDC	

Note 1) Value at manifold base mounted, single operating

Note 2) Withstand voltage specification of wiring unit part is equivalent to JIS C 0704 class 1.

### How to Order Manifold

Instruct by specifying the valves, blanking plate assembly and connector assembly to be mounted on the manifold along with the manifold base model no.

(Example) VV4Z1-21P-07.....1 pc. (Manifold base)

\*VZ1120-5MOZ-M5...6 pcs. (Valve)

\*DXT170-25-3A.....1 pc. (Blanking plate assembly)

\*DXT170-127-4A.....6 pcs. (Connector assembly)

The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

EVS

VFN

# Series VZ1000

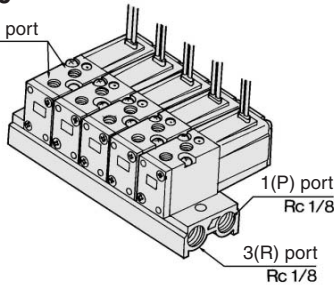
## Common SUP/Common EXH



Note) For more than 10 stations, supply air to both sides of P port and exhaust air from both sides of R port.

### Type 20

4(A), 2(B) port  
M5×0.8



### How to Order

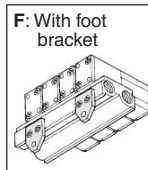
VV4Z1 - 20 - 05 1 - [ ] - [ ]

Stations	
02	2 stations
⋮	⋮
20	20 stations

P, R port  
thread type

	Rc
Nil	Rc
00F	G
00N	NPT
00T	NPTF

Option



\* Bracket is not mounted.

### Applicable solenoid valve

VZ1120-□<sup>G</sup><sub>L</sub>-□M5

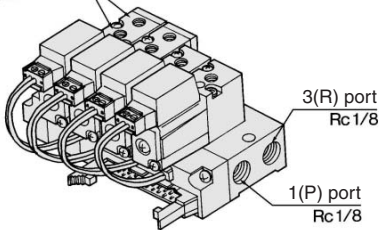
Applicable blanking plate assembly  
DXT170-25-1A

Individual EXH spacer assembly  
DXT170-48-1A

Individual SUP spacer assembly  
DXT170-44-1A

### Flat Ribbon Cable Type 21P

4(A), 2(B) port  
M5×0.8



### How to Order

VV4Z1 - 21P - 05 - [ ]

Stations	
03	3 stations
⋮	⋮
12	12 stations

P, R port  
thread type

	Rc
Nil	Rc
00F	G
00N	NPT
00T	NPTF

### Applicable solenoid valve

VZ1120-<sup>1</sup>/<sub>8</sub>MOZ-M5

Applicable blanking plate assembly  
DXT170-25-3A

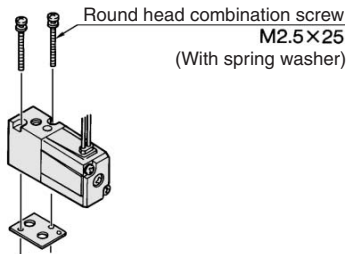
Applicable connector assembly  
DXT170-127-#A

\* 1: 100 VAC, 3: 110 VAC,  
4: DC

Refer to page 3-3-7  
regarding how to order  
applicable connector  
assemblies.

## Option/Standard Manifold, Flat Ribbon Cable Manifold

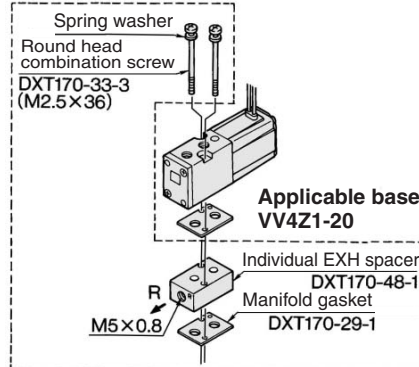
### Combinations of Solenoid Valve, Gasket and Manifold



Applicable base  
VV4Z1-20  
VV4Z1-21P

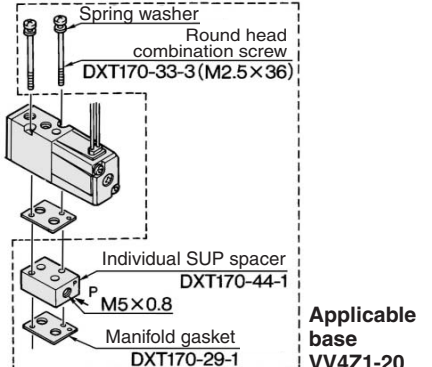
### Individual EXH Spacer Assembly

#### DXT170-48-1A



### Individual SUP Spacer Assembly

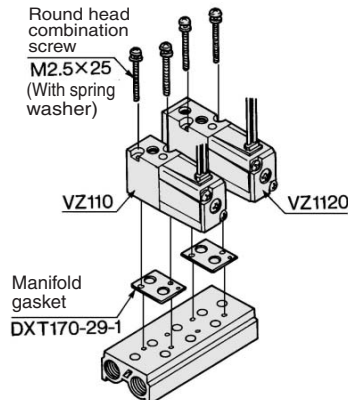
#### DXT170-44-1A



Note) Please contact SMC when using Individual EXH/SUP spacer assembly at 20P.

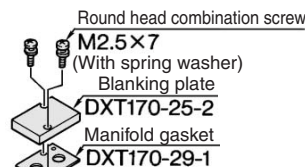
### Mixed Mounting of the VZ110, 3 Port Valve on the Series VZ1000 Manifold Base

- A VZ110, 3 port valve can be mounted as is on the Series VZ1000 manifold base.
- The mounting direction is the same as the VZ1120.



### Blanking Plate Assembly

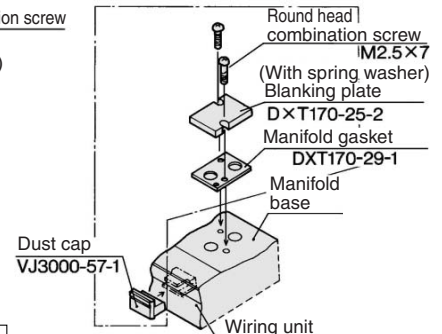
#### DXT170-25-1A



Applicable base  
VV4Z1-20

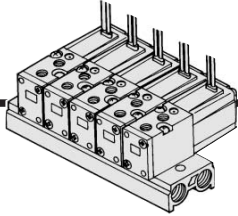
**Caution**  
Mounting Screw  
Tightening Torques  
M2.5: 0.45 N·m

#### DXT170-25-3A



Applicable base  
VV4Z1-21P

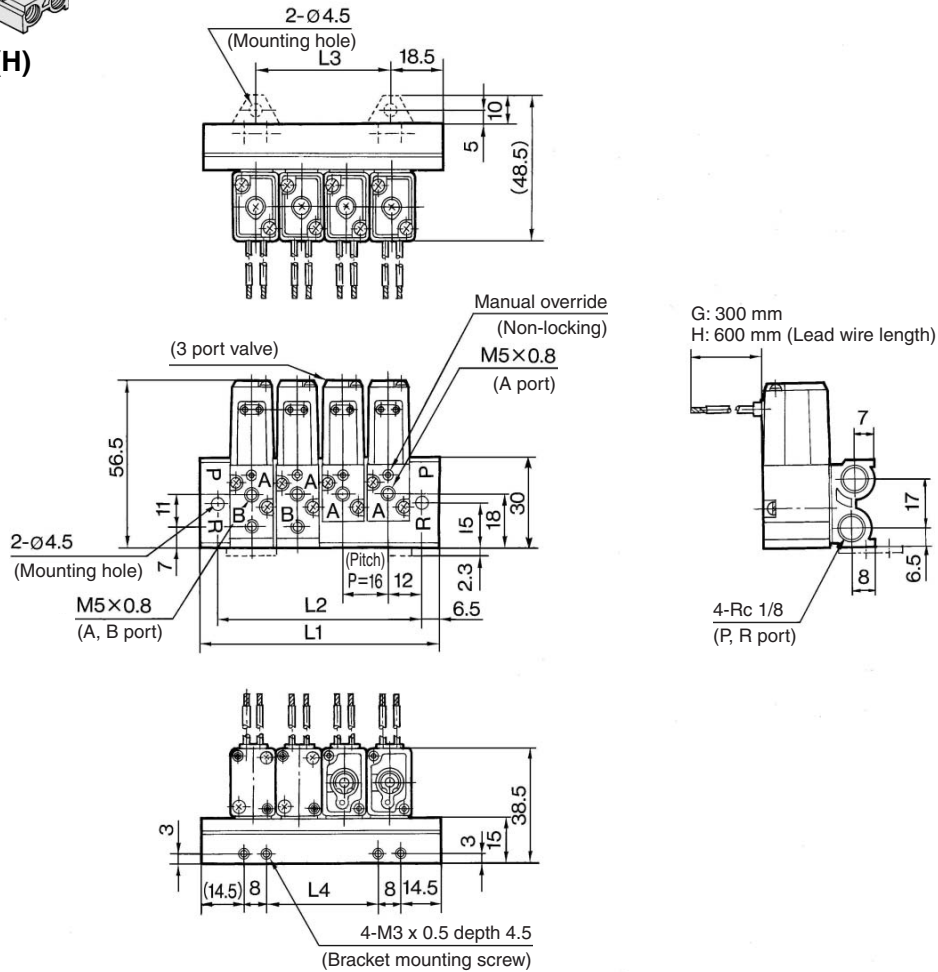
# 4 Port Solenoid Valve Body Ported Series VZ1000



## Type 20 Manifold

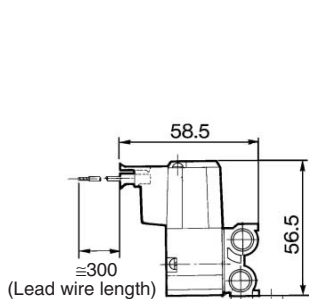
VV4Z1-20-Station 1-□

Grommet (G), (H)

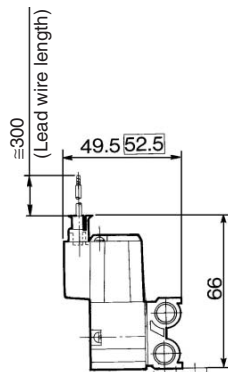


Stations	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L1	53	69	85	101	117	133	149	165	181	197	213	229	245	261	277	293	309	325	341
L2	40	56	72	88	104	120	136	152	168	184	200	216	232	248	264	280	296	312	328
L3	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304
L4	8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248	264	280	296

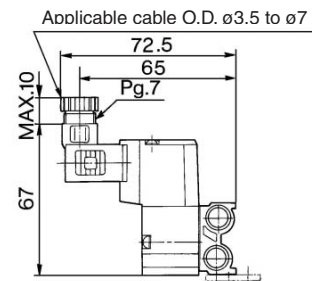
L plug connector (L)



M plug connector (M)



DIN terminal (D)



□: With light/surge voltage suppressor

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

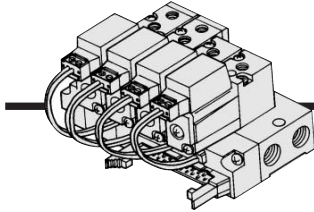
VQ7

EVS

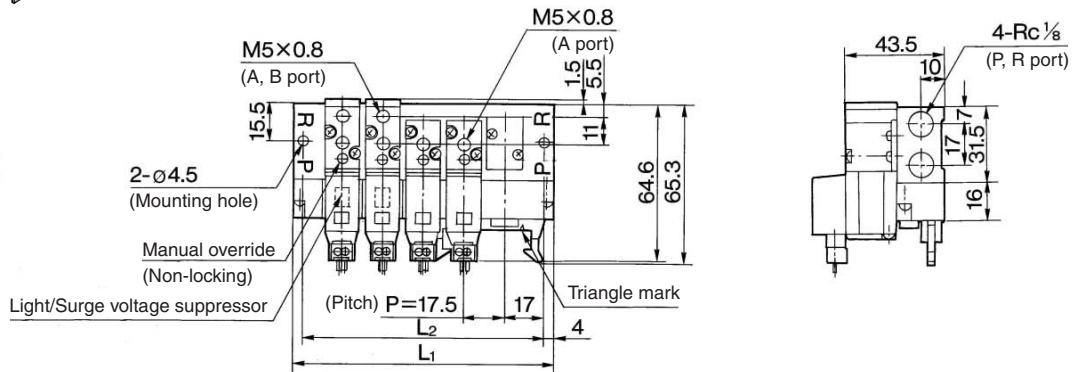
VFN

# Series VZ1000

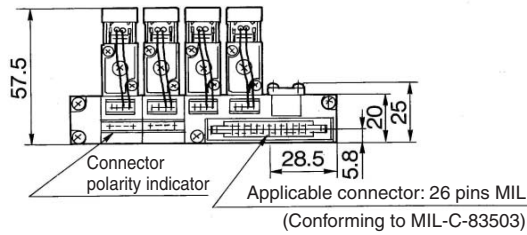
## Type 21P Flat Ribbon Cable Manifold



VV4Z1-21P-Station



Station n..... Station 1



(mm)

Stations	3	4	5	6	7	8	9	10	11	12
L <sub>1</sub>	77	94.5	112	129.5	147	164.5	182	199.5	217	234.5
L <sub>2</sub>	69	86.5	104	121.5	139	156.5	174	191.5	209	226.5



# Series VZ

# Made to Order Specifications:

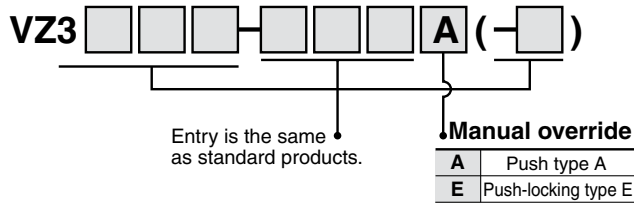
Please contact SMC for detailed specifications, dimensions, and delivery.

## 2. Solenoid Valve: Special Manual Override

### Applicable solenoid valve series

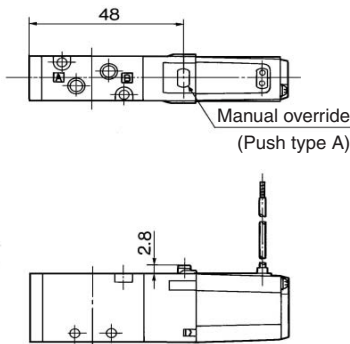
VZ3000  
(Non plug-in type only)

### Model no.

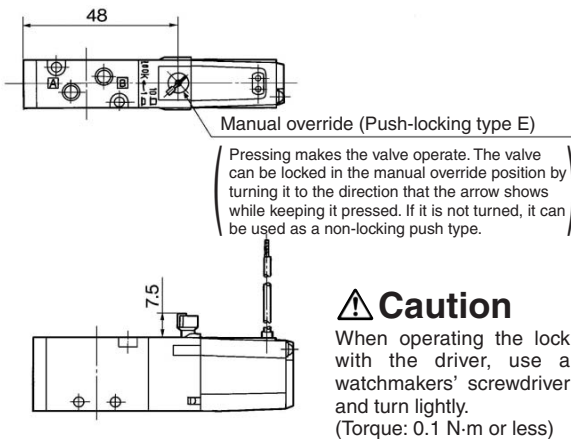


### Dimensions: Single

#### Push type A



#### Push-locking type E



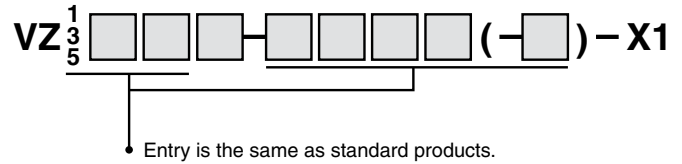
Note) Because the manual override unit protrudes, the manual override could activate unintentionally if the protrusion is touched or an object falls on it. Therefore, take the proper preventative measures.

## 3. Solenoid Valve: Opposite Mount of Solenoid Assembly

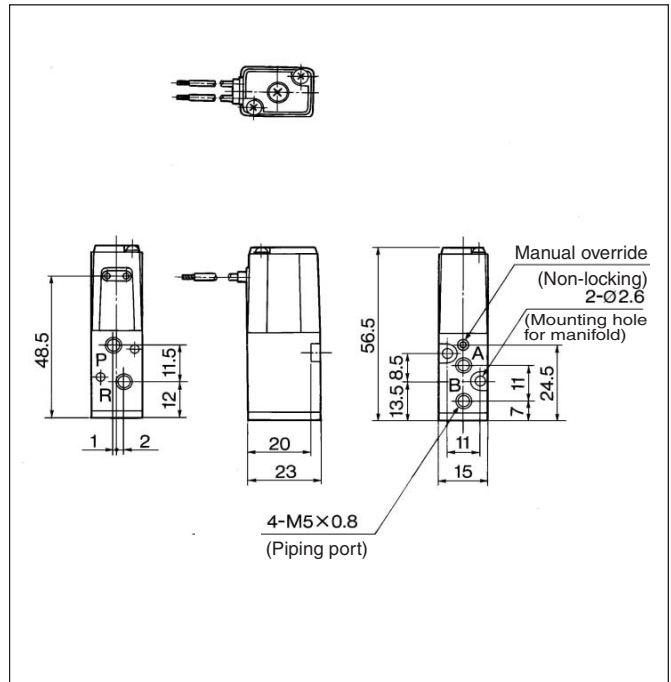
### Applicable solenoid valve series

VZ1000/3000/5000  
(Non plug-in type only)

### Model no.



### Dimensions: VZ1120-□G-M5-X1



# Made to Order Specifications:

Please contact SMC for detailed specifications, dimensions, and delivery.

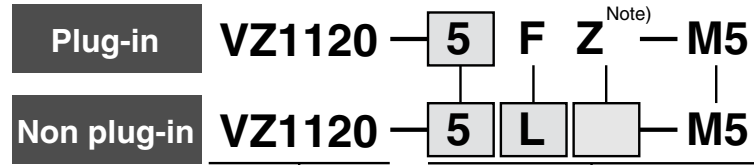
## 5. DIN Rail Manifold

### Applicable solenoid valve series

VZ1000



### How to Order Applicable Solenoid Valves



Same as page 3-3-9



Note) Please contact SMC in the case of without indicator light.

### Manifold Specifications

Model		Type 25	Type 25F
Manifold type		Stacking type, non plug-in type	Stacking type, plug-in type
P(SUP), R(EXH)		Common SUP and EXH	
Valve stations		2 to 20 stations	2 to 20 stations
4(A), 2(B) port location		Valve	
Port size	1(P), 3/5(R) port	C6 (One-touch fitting for ø6)	
	4(A), 2(B) port	M5 x 0.8	
Valve effective <sup>(1)</sup> area (mm <sup>2</sup> )	VZ1120	1 → 2: 0.48, 4 → 3: 0.85	
Connector		—	MIL-C-24308 Applicable for JIS-X-5101 D-sub connector
Internal wiring		—	COM specifications <sup>(2)</sup>



Note 1) Value at manifold base mounted, 2 position single operating

Note 2) It is available at +COM or -COM.

### How to Order Manifold

Instruct by specifying the valves and blanking plate assembly to be mounted on the manifold along with the manifold base model no.

(Example) VV4Z1-25FD-06-00C...1 pc. (Manifold base)

\*VZ1120-5FZ-M5.....5 pcs. (Valve)

\*VZ1000-10-1A.....1 pc. (Blanking plate assembly)

↳The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

# Series VZ

# Made to Order Specifications:

Please contact SMC for detailed specifications, dimensions, and delivery.

## 5. DIN Rail Manifold

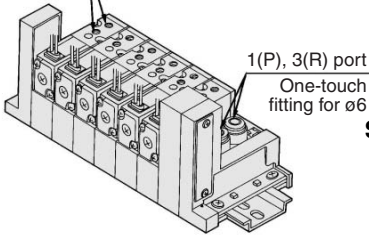
### DIN Rail Manifold

#### Common SUP/Common EXH

Note) For more than 11 stations, supply air to both sides of 1(P) port and exhaust air from both sides of 3(R) port.

#### Type 25 (Non plug-in type)

4(A), 2(B) port  
M5×0.8



#### How to Order

**VV4Z1 - 25 - 05 D - 00C**

#### Stations

02	2 stations
⋮	⋮
20	20 stations

#### SUP/EXH block mounting position

<b>U</b>	U side: 2 to 10 stations
<b>D</b>	D side: 2 to 10 stations
<b>B</b>	Both sides: 2 to 20 stations
<b>M</b>	Special combination

#### Applicable solenoid valve

VZ1120-□<sup>G</sup><sub>M</sub>□-M5

VZ110-□<sup>G</sup><sub>M</sub>□-M5 (3 port valve)

#### Applicable blanking plate assembly

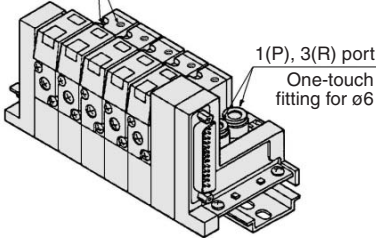
VZ1000-10-2A

#### DIN rail length specified

<b>Nil</b>	Standard length
<b>3</b>	For 3 stations (Specify a longer rail than the standard length.)
⋮	⋮
<b>20</b>	For 20 stations

#### Type 25F (Plug-in type)

4(A), 2(B) port  
M5×0.8



#### How to Order

**VV4Z1 - 25F □ - 05 □ - 00C**

#### Connector mounting direction

<b>U</b>	U side
<b>D</b>	D side

#### Stations

02	2 stations
⋮	⋮
20	20 stations

#### SUP/EXH block mounting position

<b>Nil</b>	For 2 to 10 stations : One side (Same as direction of connector mount) For 11 to 20 stations: Both sides
<b>B</b>	For 2 to 10 stations: Both sides
<b>M*</b>	Special combination

#### Applicable solenoid valve

VZ1120-□-FZ-M5

VZ110-□-FZ-M5 (3 port valve)

#### Applicable blanking plate assembly

VZ1000-10-1A

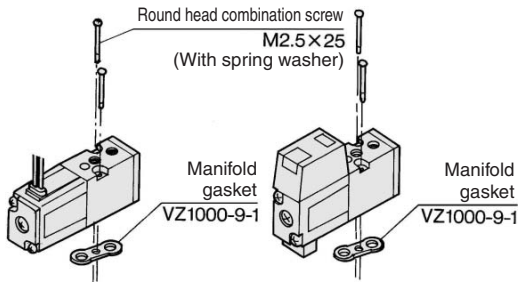
#### DIN rail length specified

<b>Nil</b>	Standard length
<b>3</b>	For 3 stations (Specify a longer rail than the standard length.)
⋮	⋮
<b>20</b>	For 20 stations

### Option/DIN Rail Manifold

Note) 25 type is able to use with individual SUP spacer and individual EXH spacer assembly. Refer to page 3-3-14.

#### Combination of Solenoid Valve, Gasket and Manifold base



Applicable base  
VV4Z1-25

Applicable base  
VV4Z1-25F

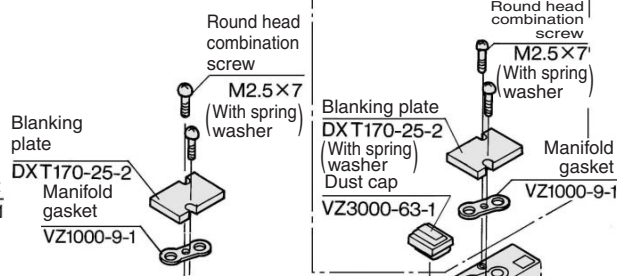
#### Blanking Plate Assembly

VZ1000-10-2A

VZ1000-10-1A

#### EXH Block Disk

VZ1000-13-1A



Applicable base  
VV4Z1-25

Applicable base  
VV4Z1-25F

By installing an EXH block disk in the exhaust passage of a manifold valve, it is possible to divide the valve's exhaust so that it does not affect another valve.

#### SUP Block Disk

VZ1000-13-1A

By installing a SUP block disk in the pressure supply passage of a manifold valve, it is possible to supply two or more different high and low pressures to one manifold.

#### Mix Mount with 3 Port Valve

3 port valve VZ110 can be mounted on VV4Z1-25 and VV4Z1-25F.

#### ⚠ Caution

#### Mounting Screw Tightening Torques

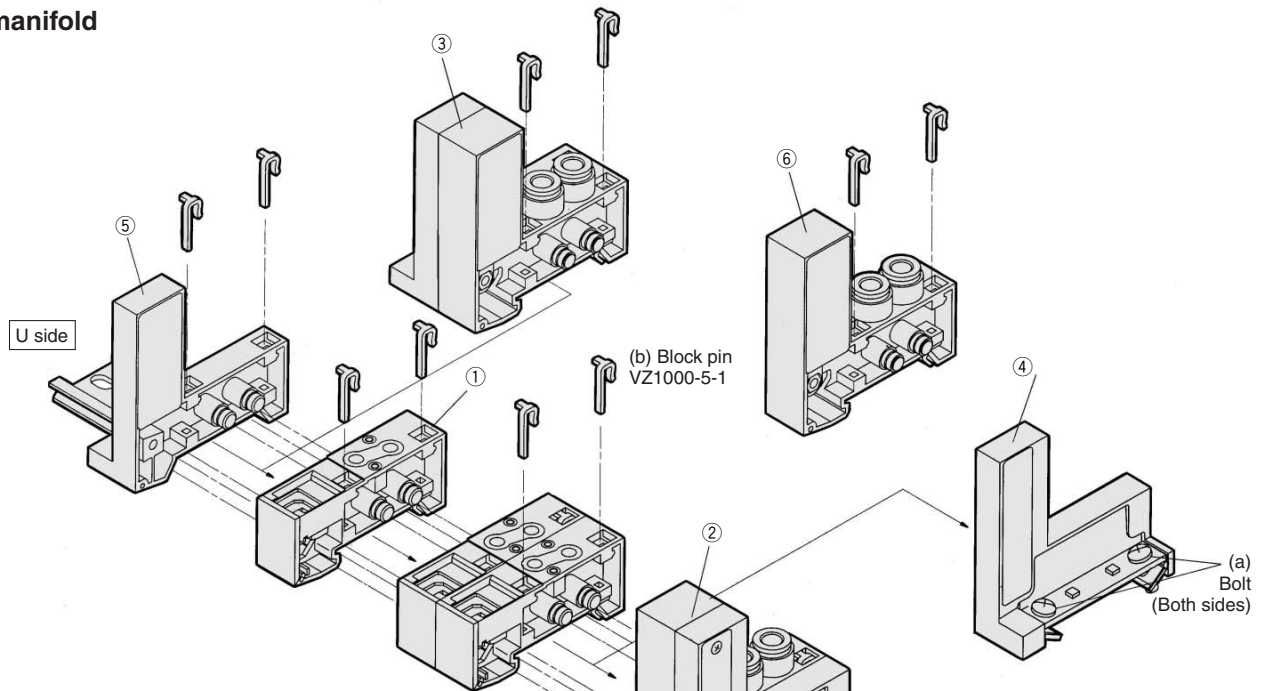
M2.5: 0.32 N·m

(For stacking type manifold)

# Series VZ1000

## Exploded View/DIN Rail Manifold

### Type 25 manifold



### Replacement Parts

No.	Description	Part no.	Note
①	Manifold block assembly	VZ1000-1A-2	
②	SUP/EXH block assembly	VZ1000-2A-2D	For D side P/R port with One-touch fitting for $\phi 6$
③	SUP/EXH block assembly	VZ1000-2A-2U	For U side P/R port with One-touch fitting for $\phi 6$
④	End block assembly	VZ1000-3A-1D	For D side
⑤	End block assembly	VZ1000-3A-1U	For U side
⑥	SUP/EXH block assembly	VZ1000-2A-1M	Without D-sub connector For indicated location, P/R port with One-touch fitting for $\phi 6$



Note) Block pin (2 pcs.) is attached for ①, ③, ⑤, ⑥.

### How to Increase Manifold Base

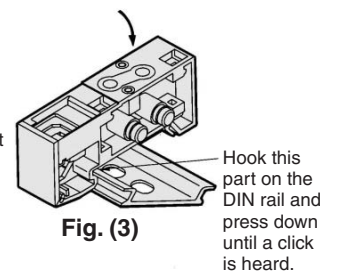
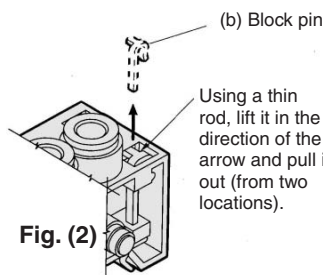
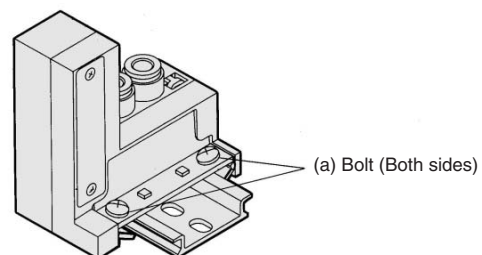
Station expansion is possible at any position.

- (1) Loosen (both) bolts (a), which are securing the manifold onto the DIN rail, 1 to 2 turns. (To remove the manifold base from the DIN rail, loosen the bolts 4 to 5 turns.)
- (2) Following the procedure shown in Fig. (2), pull the block pin (b) from the manifold block assembly at the location in which you wish to place an additional assembly.
- (3) Mount additional manifold block assembly on the DIN rail as shown in the Fig. (3).
- (4) Press the block assemblies and insert the block pin (b) to fix them to the DIN rail.
- (5) Tighten bolt (a) to fix the manifold to the DIN rail.



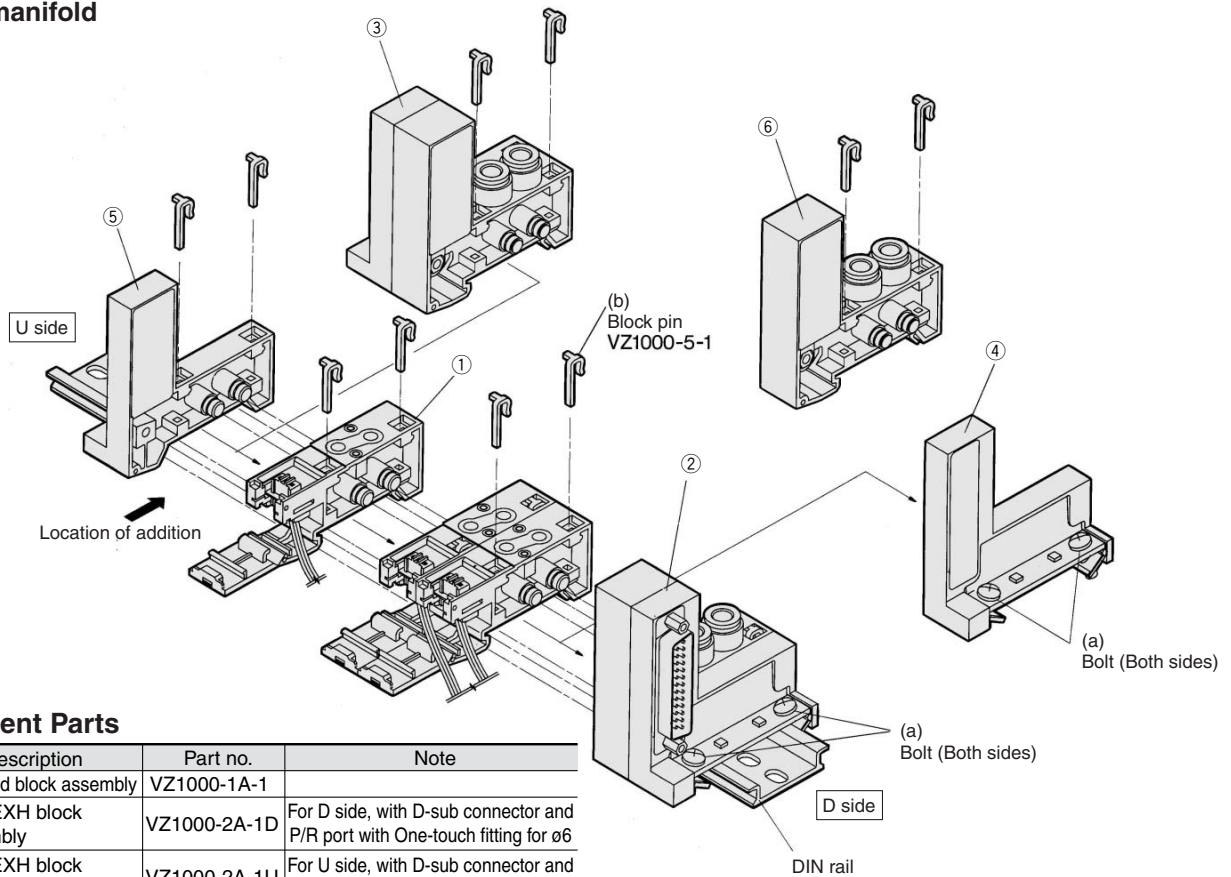
Note) When there are 10 or fewer manifold block assemblies, and more are added to make a total of 11 or more, a supply/exhaust block assembly must also be added.

Fig. (1)



## Exploded View/DIN Rail Manifold

### Type 25F manifold



### Replacement Parts

No.	Description	Part no.	Note
①	Manifold block assembly	VZ1000-1A-1	
②	SUP/EXH block assembly	VZ1000-2A-1D	For D side, with D-sub connector and P/R port with One-touch fitting for $\phi 6$
③	SUP/EXH block assembly	VZ1000-2A-1U	For U side, with D-sub connector and P/R port with One-touch fitting for $\phi 6$
④	End block assembly	VZ1000-3A-1D	For D side
⑤	End block assembly	VZ1000-3A-1U	For U side
⑥	SUP/EXH block assembly	VZ1000-2A-1M	Without D-sub connector For indicated location, P/R port with One-touch fitting for $\phi 6$

Note) Block pin (2 pcs.) is attached for ①, ③, ⑤, ⑥.

VK  
VZ  
VF  
VFR  
VP4  
VZS  
VFS  
VS4  
VQ7  
EVS  
VFN

### How to Increase Manifold Base

To add a manifold block assembly, add it to the U side so that the terminal number of the D-sub connector and the valve link position will be in accordance with the circuit diagram.

- Loosen (both) bolts (a), which are securing the manifold onto the DIN rail, 1 to 2 turns. (To remove the manifold base from the DIN rail, loosen the bolts 4 to 5 turns.)
- Following the procedure shown in Fig. (1), pull out the block pin (b) from the block assembly that links the manifold block assembly of the U side and the D side with the end block assembly or the supply/exhaust end block assembly.
- Remove the housing cover from the D-sub connector portion of the supply/exhaust block assembly. (Refer to Fig. (3).)
- Following the procedure shown in Fig. (2), mount the manifold block assembly to be added onto the DIN rail. As shown in Fig. (4), insert the pin of the lead wire assembly into the D-sub connector, and attach the round crimped terminal to the screw that connects the wires.
- Press block assembly and insert block pin (b) to fix them to the DIN rail.
- Tighten bolt (a) to fix the manifold to the DIN rail.

Note) When there are 10 or fewer manifold block assemblies, and more are added to make a total of 11 or more, a supply/exhaust block assembly must also be added.

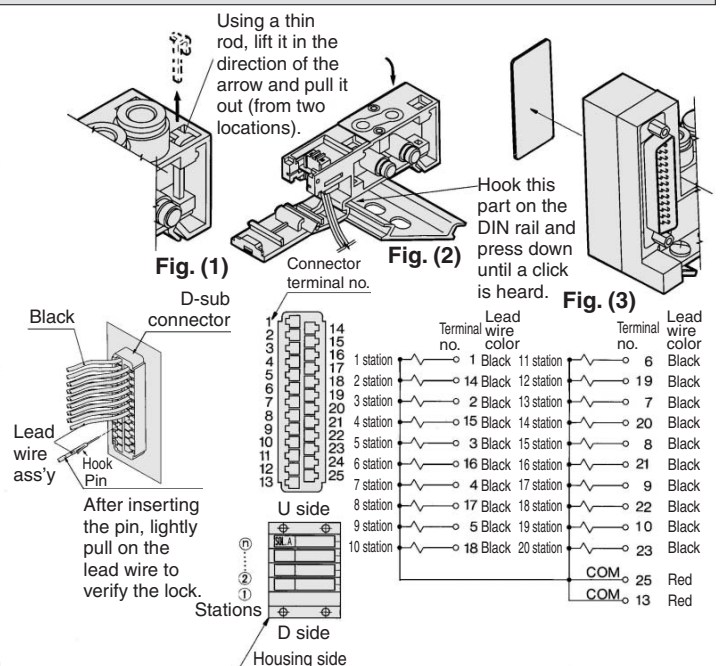


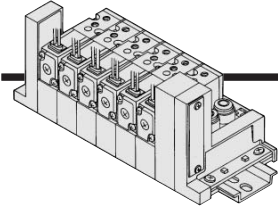
Fig. (4) How to insert lead wire assembly pin.

# Series VZ

# Made to Order Specifications:

Please contact SMC for detailed specifications, dimensions, and delivery.

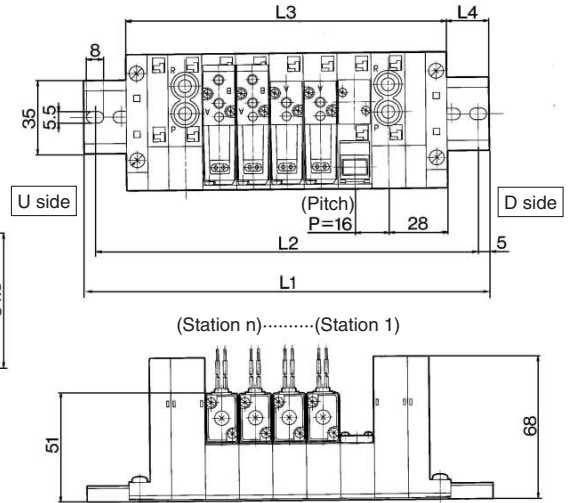
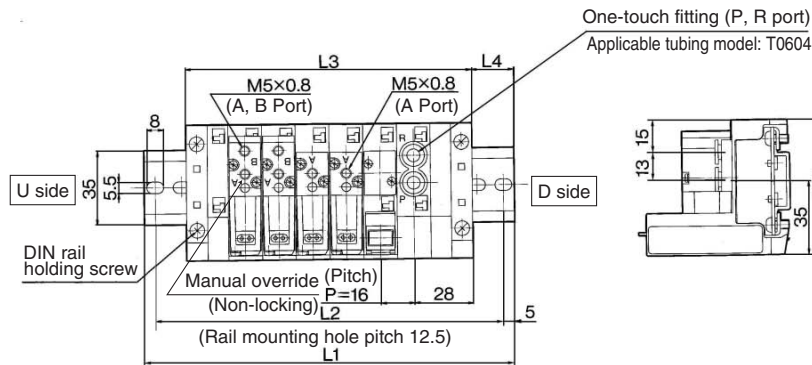
## 5. DIN Rail Manifold



### Type 25 DIN Rail Manifold (Non plug-in)

#### VV4Z1-25-Station D-00C

#### VV4Z1-25-Station B-00C



Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	110.5	135.5	148	160.5	185.5	198	210.5	223	248
L <sub>2</sub>	100	125	137.5	150	175	187.5	200	212.5	237.5
L <sub>3</sub>	88	104	120	136	152	168	184	200	216
L <sub>4</sub>	11.5	16	14	12.5	17	15	13.5	11.5	16

Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	135.5	148	160.5	185.5	198	210.5	223	248	260.5
L <sub>2</sub>	125	137.5	150	175	187.5	200	212.5	237.5	250
L <sub>3</sub>	104	120	136	152	168	184	200	216	232
L <sub>4</sub>	16	14	12.5	17	15	13.5	11.5	16	14

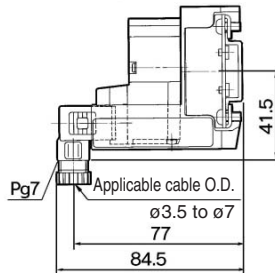
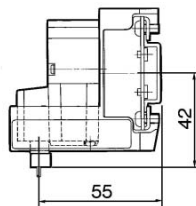
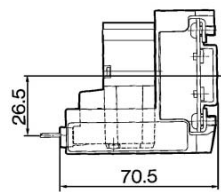
  

Stations	11	12	13	14	15	16	17	18	19	20
L <sub>1</sub>	273	298	310.5	323	335.5	360.5	373	385.5	398	423
L <sub>2</sub>	262.5	287.5	300	312.5	325	350	362.5	375	387.5	412.5
L <sub>3</sub>	248	264	280	296	312	328	344	360	376	392
L <sub>4</sub>	12.5	17	15.5	13.5	12	16.5	14.5	13	11	15.5

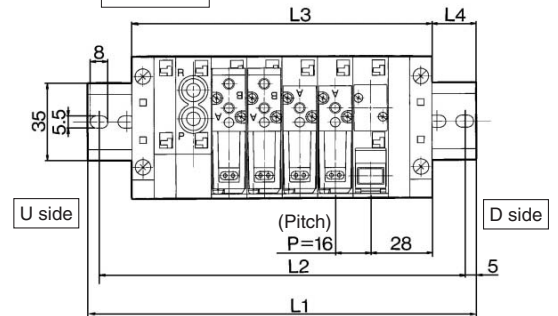
#### L plug connector (L)

#### M plug connector (M)

#### DIN terminal (D)



#### VV4Z1-25-Station U-00C



Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	110.5	135.5	148	160.5	185.5	198	210.5	223	248
L <sub>2</sub>	100	125	137.5	150	175	187.5	200	212.5	237.5
L <sub>3</sub>	88	104	120	136	152	168	184	200	216
L <sub>4</sub>	11.5	16	14	12.5	17	15	13.5	11.5	16

# Series VZ

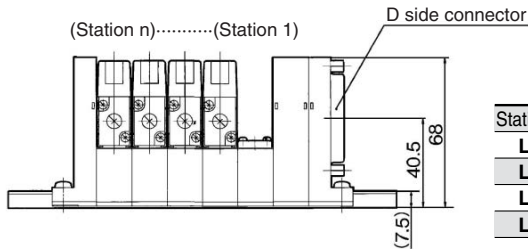
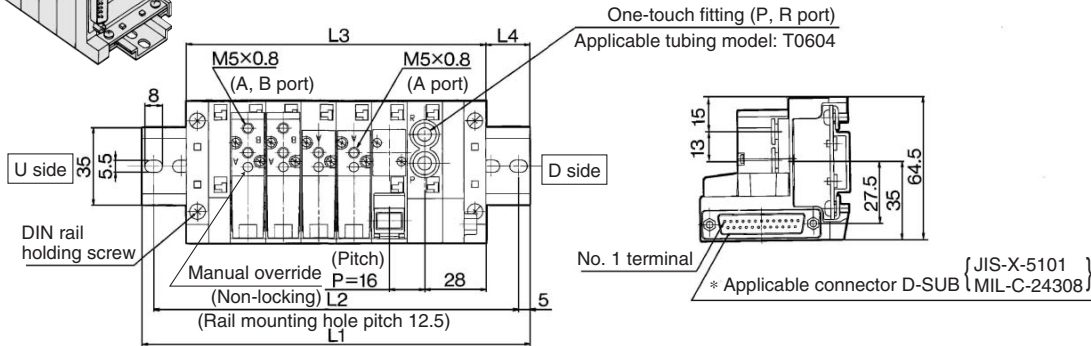
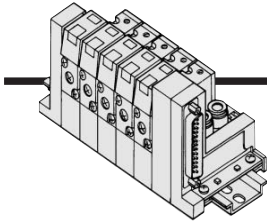
# Made to Order Specifications:

Please contact SMC for detailed specifications, dimensions, and delivery.

## 6. DIN Rail Manifold

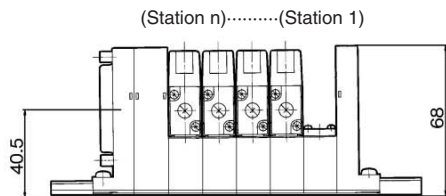
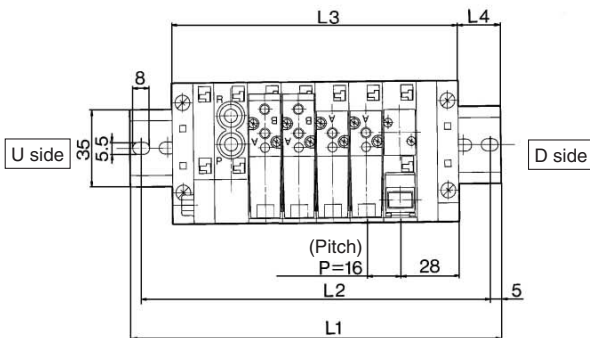
### Type 25F DIN Rail Manifold (Plug-in)

#### VV4Z1-25FD-Station-00C (2 to 10 stations)



Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	110.5	135.5	148	160.5	185.5	198	210.5	223	248
L <sub>2</sub>	100	125	137.5	150	175	187.5	200	212.5	237.5
L <sub>3</sub>	88	104	120	136	152	168	184	200	216
L <sub>4</sub>	11.5	16	14	12.5	17	15	13.5	11.5	16

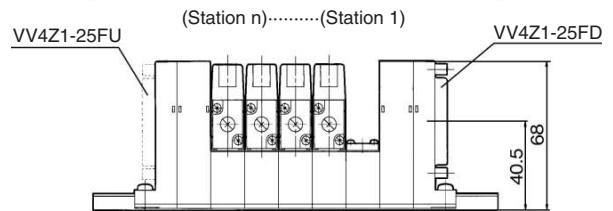
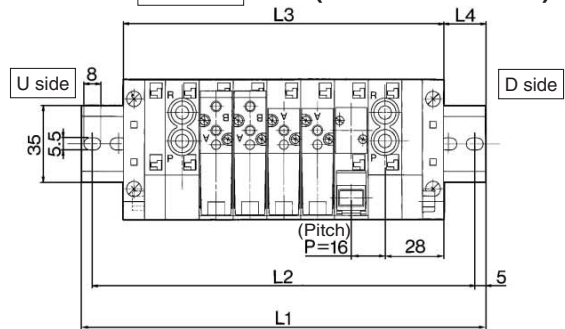
#### VV4Z1-25FU-Station-00C (2 to 10 stations)



Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	110.5	135.5	148	160.5	185.5	198	210.5	223	248
L <sub>2</sub>	100	125	137.5	150	175	187.5	200	212.5	237.5
L <sub>3</sub>	88	104	120	136	152	168	184	200	216
L <sub>4</sub>	11.5	16	14	12.5	17	15	13.5	11.5	16

#### VV4Z1-25F<sub>D</sub>-Station B-00C (2 to 10 stations)

#### VV4Z1-25F<sub>D</sub>-Station-00C (11 to 20 stations)



Stations	2	3	4	5	6	7	8	9	10
L <sub>1</sub>	135.5	148	160.5	185.5	198	210.5	223	248	260.5
L <sub>2</sub>	125	137.5	150	175	187.5	200	212.5	237.5	250
L <sub>3</sub>	104	120	136	152	168	184	200	216	232
L <sub>4</sub>	16	14	12.5	17	15	13.5	11.5	16	14

Stations	11	12	13	14	15	16	17	18	19	20
L <sub>1</sub>	273	298	310.5	323	333.5	360.5	373	385.5	398	423
L <sub>2</sub>	262.5	287.5	300	312.5	325	350	362.5	375	387.5	412.5
L <sub>3</sub>	248	264	280	296	312	328	344	360	376	392
L <sub>4</sub>	12.5	17	15.5	13.5	12	16.5	14.5	13	11	15.5

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

EVS

VFN