Series VZ1000 Manifold Specifications

Manifold Standard -



Manifold Specifications

Model		Туре 20			
Manifold type		Single base/B mount	'		
P(SUP)/R(EXH)		Common SUP/Common EXH	I		
Valve stations		2 to 20 stations			
A, B port location		Valve			
Port size	1(P), 3(R) port	Rc 1/8	\		
1 011 0120	4(A), 2(B) port	M5 x 0.8	L		
Valve Note) effective area (mm ²)	VZ1120	$1 \rightarrow 4: 0.48, 4 \rightarrow 3: 0.85$			
()	at manifold base mo	L unted, single operating	[
			- -		
Low to Orde			L		

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) VV4Z1-20-0311 pc. (Manifold base)	
*VZ1120-5G-M52 pcs. (Valve)	
*DXT170-25-1A1 pc. (Blanking plate assembly)	
The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.	

VZ VFR VP4 VZS VFS VS4 VQ7 EVS VFN

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.



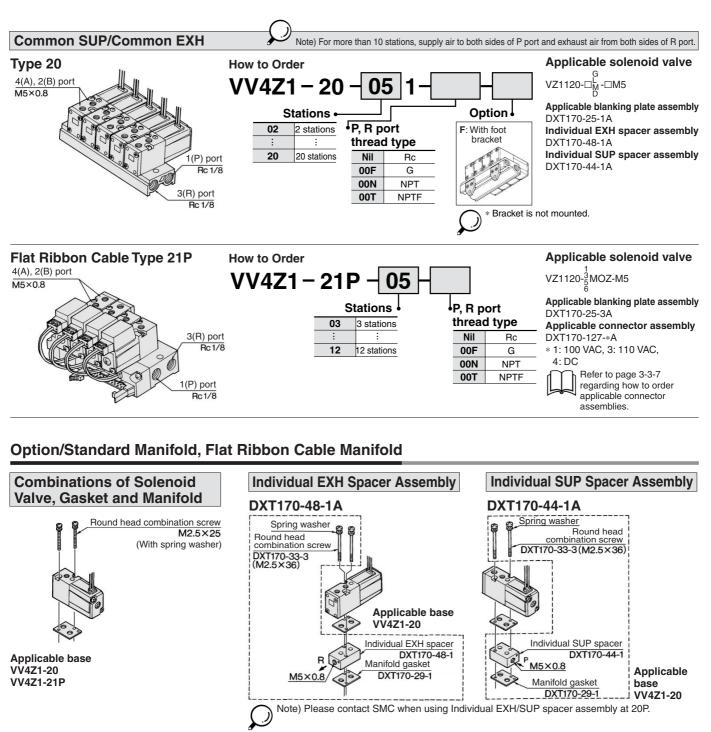
Flat Ribbon Cable Manifold Specifications

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					
1 011 5126	4(A), 2(B) port	M5 x 0.8					
Valve ⁽¹⁾ effective area (mm ²) (Cv factor)	VZ1120	$1 \rightarrow 4: 0.48, 4 \rightarrow 3: 0.85$					
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- ¹ / ₆ MOZ-M5					
Rated voltage		100 VAC 50/60 Hz, 110 VAC 50/60 Hz, 24 VDC, 12 VDC					
		ounted, single operating cation 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.

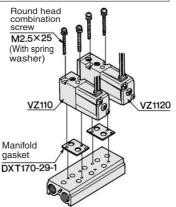
Series VZ1000



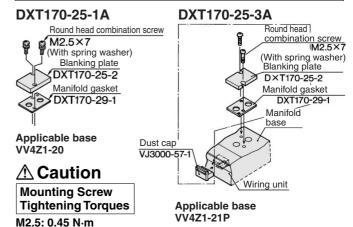
Mixed Mounting of the VZ110, 3 Port Valve on the Series VZ1000 Manifold Base

- 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.

Applicable base VV4Z1-20 VV4Z1-21P

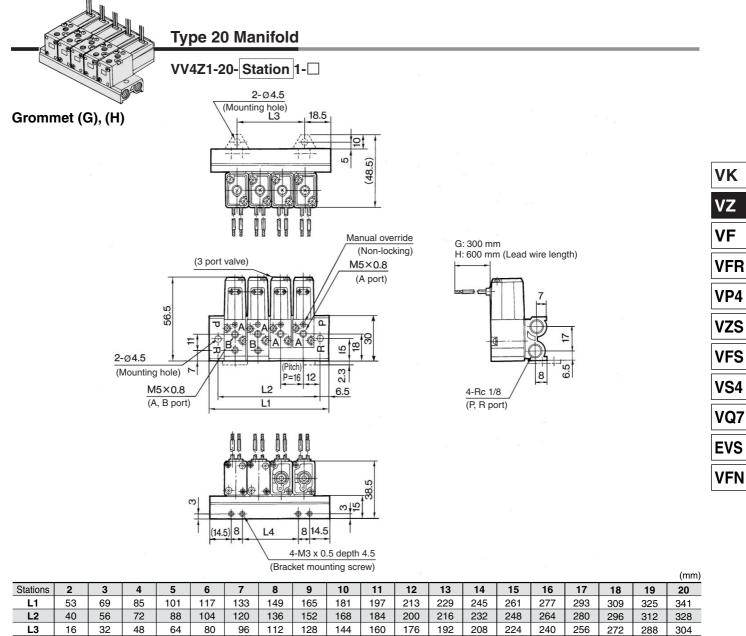


Blanking Plate Assembly



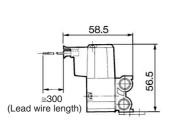


4 Port Solenoid Valve Body Ported Series VZ1000

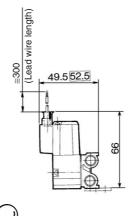


L plug connector (L)

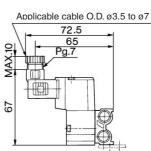
L4

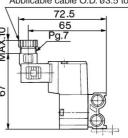


M plug connector (M)



DIN terminal (D)

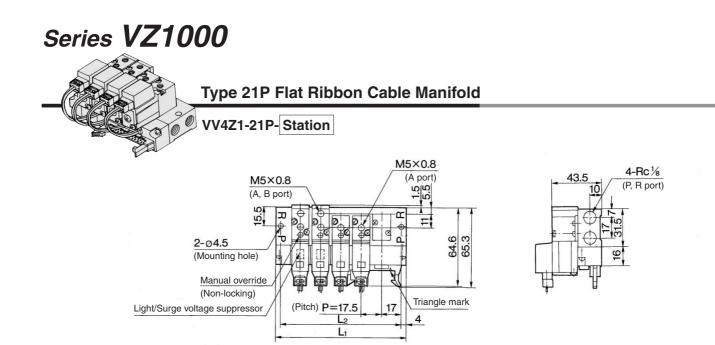


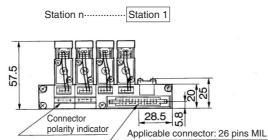




: With light/surge voltage suppressor

SMC





(Conforming to MIL-C-83503) (mr									(mm)	
Stations	3	4	5	6	7	8	9	10	11	12
Lı	77	94.5	112	129.5	147	164.5	182	199.5	217	234.5
L ₂	69	86.5	104	121.5	139	156.5	174	191.5	209	226.5