



## How to Order Valves

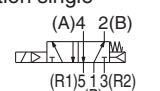
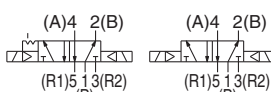
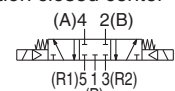
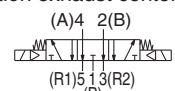
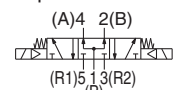
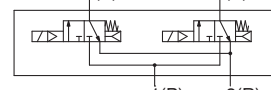
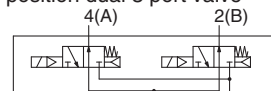
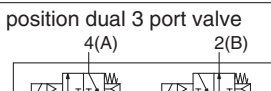
**SQ 1 1 3 0** - **5** - **1** - **C6** - - -

Series	
1	SQ1000

### Seal

0	Metal seal
1	Rubber seal

### Type of actuation

1	2 position single 
2	2 position double (Double solenoid) <sup>(1)</sup>  Metal seal      Rubber seal
3	3 position closed center 
4	3 position exhaust center 
5	3 position pressure center 
A <sup>(2)</sup>	4 position dual 3 port valve 
B <sup>(2)</sup>	4 position dual 3 port valve 
C <sup>(2)</sup>	4 position dual 3 port valve 

Note 1) For double solenoid specification, the function symbol below is "D".  
Note 2) Only rubber seal types are applicable.

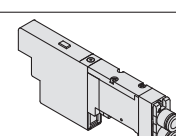
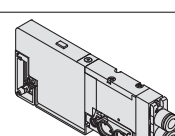
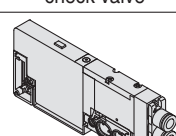
### Function

Symbol	Specifications
Nil	Standard type (0.4 W)
B	Quick response type (0.95 W)
D <sup>(1)</sup>	2 position double (Double solenoid specifications)
K	High pressure type (1 MPa, 0.95 W) [Applicable to metal seal only]
N <sup>(2)</sup>	Negative common
R <sup>(3)</sup>	External pilot specifications

### CE compliant

Nil	—
Q	CE compliant

### With/Without manifold block

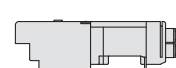

Nil	M	MB Note)
Without manifold block 	With manifold block 	With manifold block, built-in back pressure check valve 
• When ordering with manifolds • When only valves are required.	* Lead wire is not included.	* Lead wire is not included.
For adding stations		

Note) Since 4 port specification valves (5 (R1) and 3 (R2) are common) are used, back pressure cannot be prevented with dual 3 port valves.

### Port plug mounting port

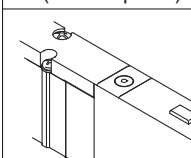
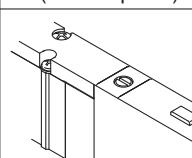
Nil	None
A	Port 4(A)
B	Port 2(B)

### Cylinder port

Symbol	Port size	Port location	
C3	With One-touch fittings for ø3.2	Side ported	
C4	With One-touch fittings for ø4		
C6	With One-touch fittings for ø6		
M5	M5 thread	Top <sup>(1)</sup> ported	
L3	With One-touch fittings for ø3.2		
L4	With One-touch fittings for ø4		
L6	With One-touch fittings for ø6		
L5	M5 thread		

Note 1) Can be changed to side ported configuration.  
Note 2) Refer to page 54 for the inch-size One-touch fittings.

### Manual override

Nil	B
Non-locking push type (Tool required) 	Locking type (Tool required) 

### Rated voltage

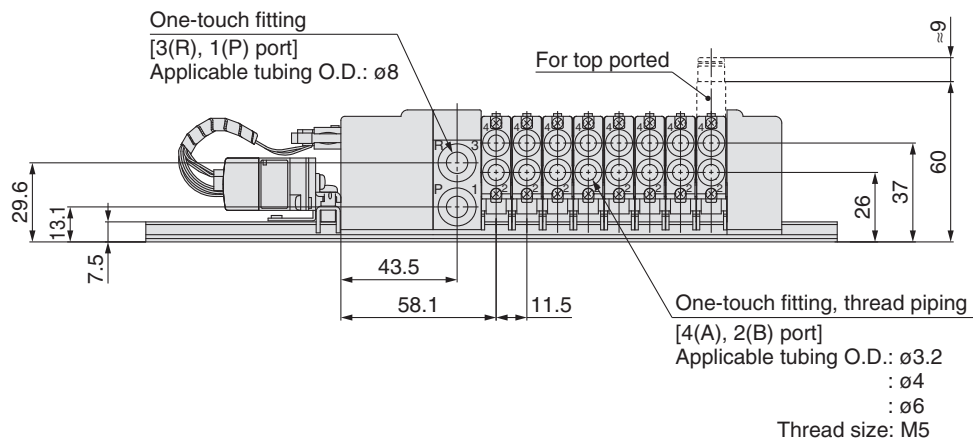
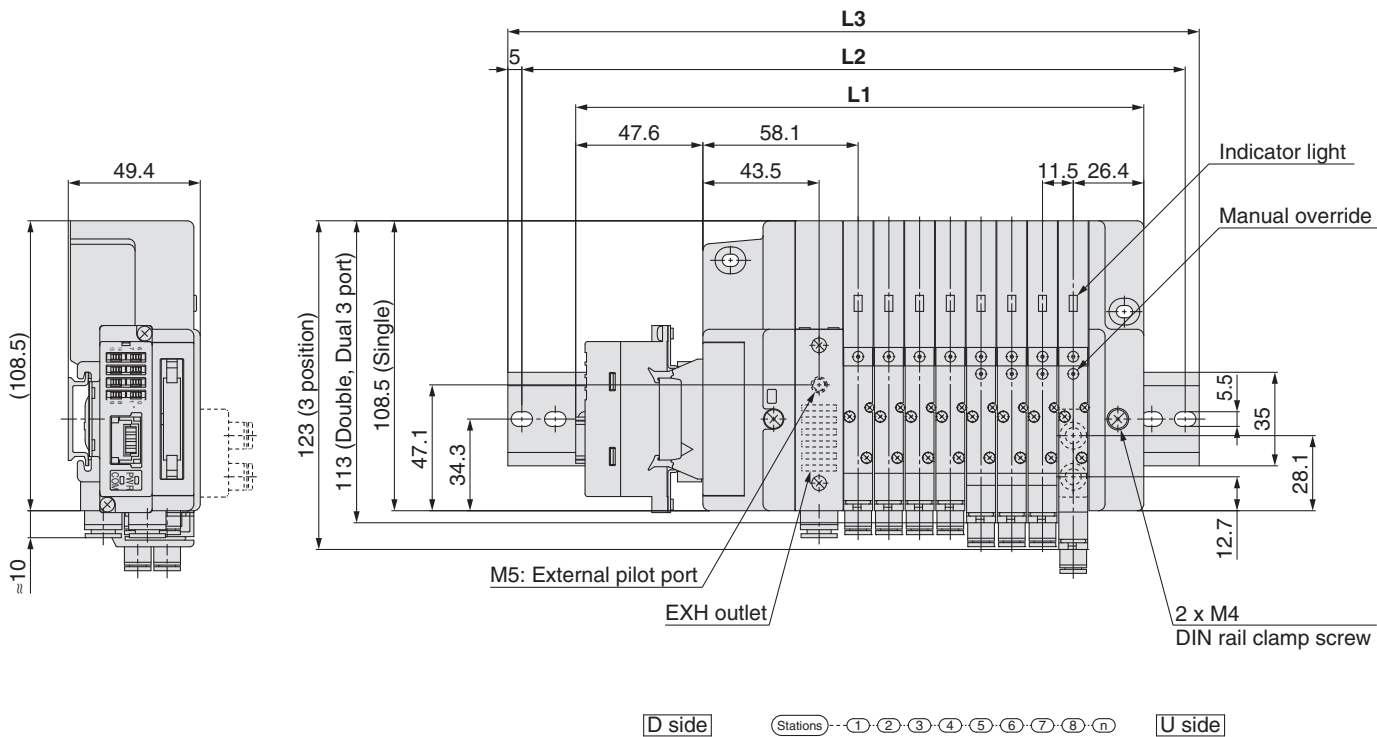
5	24 VDC
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Note) Light/surge voltage suppressor is built-in.

Note 1) "D" is specified for 2 position double.  
Note 2) When SI unit output polarity is negative common, the valve common specification should be also be negative common.  
Note 3) Except dual 3 port valves.  
Note 4) When two or more symbols are specified, indicate them alphabetically.

# Series SQ1000

## Dimensions: SQ1000



### Dimensions

Formula:  $L1 = 11.5n + 120.5$  n: Stations (Maximum 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	132	143.5	155	166.5	178	189.5	201	212.5	224	235.5	247	258.5	270	281.5	293	304.5
L2	162.5	175	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	312.5	312.5	325
L3	173	185.5	185.5	198	210.5	223	235.5	248	260.5	273	285.5	298	310.5	323	323	335.5