Series 10-SQ1000 5 port solenoid valve Plug-in unit

How to Order Manifold

10 — SS5Q13 — 08 FD2 — D □

Clean series

Stations

01	1 station
⋮	⋮
24 Note)	24 stations

Note) The maximum number of stations depends on the type of electrical entries.

Option

Nil	No
02 to 24	DIN rail length specified Note 1)
B	Back pressure check valve
K	Special wiring specifications (except double wiring) Note 2)
N	With name plate (side ported only)

Note 1) Specify DIN rail length with "D□" at the end. (Enter the number of stations inside "□".) Example: -D08

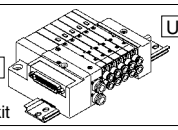
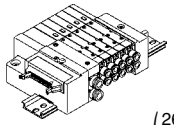
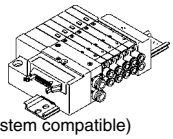
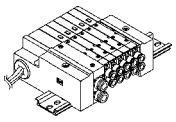
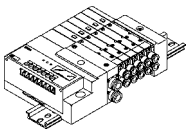
Note 2) Standard wiring specifications are for double wiring.Indicate wiring specifications for single wiring or mixed single and double wiring, or when exceeding the standard maximum number of stations. (Except L kit.)

Note 3) For specifying two or more options, enter them alphabetically. Example: -BKN

Manifold mounting

D	DIN rail mounting style
E	Direct mounting style

Electrical entry

Kit type		Lead wire connector location	Cable specifications	Station	Max. number of stations for special wiring specifications	Max. number of solenoids Note 2)
F Kit  D-sub connector kit	**FD0**	D side	D-sub connector (25P) kit without cable	1 to 12 stations	24 stations	24
	FD1		D-sub connector (25P) kit with 1.5 m cable			
	FD2		D-sub connector (25P) kit with 3.0 m cable			
	FD3		D-sub connector (25P) kit with 5.0 m cable			
P kit  Flat ribbon cable connector kit (26P 20P)	**PD0**	D side	Flat ribbon cable (26P) kit without cable	1 to 12 stations	24 stations	24
	PD1		Flat ribbon cable (26P) kit with 1.5 m cable			
	PD2		Flat ribbon cable (26P) kit with 3.0 m cable			
	PD3		Flat ribbon cable (26P) kit with 5.0 m cable			
	PDC	Note 1)	Flat ribbon cable (20P) kit without cable	1 to 9 stations	18 stations	18
J kit  Flat ribbon cable (20P) (PC wiring system compatible)	**JD0**	D side	Flat ribbon cable (20P) PC wiring system compatible	1 to 8 stations	16 stations	16
L kit  Lead wire kit	**LD0**	D side	Lead wire kit (lead wire length: 0.6 mm)	1 to 12 stations	—	—
	LU0	U side				
	LD1	D side	Lead wire kit (lead wire length: 1.5 mm)			
	LU1	U side				
	LD2	D side	Lead wire kit (lead wire length: 3.0 mm)			
	LU2	U side				
S kit  Serial transmission kit	**SDF**	D side	NKE Corp.: Uni-wire system	1 to 8 stations	16 stations	16
	SDH		NKE Corp.: Uni-wire H system			
	SDJ1		SUNX Corp.: S-LINK system (16 output points)			
	SDJ2		SUNX Corp.: S-LINK system (8 output points)	1 to 4 stations	8 stations	8
	SDQ		DeviceNet and CompoBus/D (OMRON Corp.)	1 to 8 stations	16 stations	16
	SDR1		OMRON Corp.: CompoBus/S (16 output points)			
	SDR2		OMRON Corp.: CompoBus/S (8 output points)	1 to 4 stations	8 stations	8
	SDV		Mitsubishi Electric Corp.: CC -Link	1 to 8 stations	16 stations	16

Note 1) Separately order the 20P type cable assembly for the P kit.

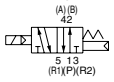
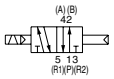
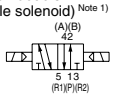
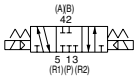
Note 2) The maximum number of stations should not be more than the maximum number of solenoids. (The number of solenoids are counted as: 1 for single solenoids and 2 for type 3P and 4P double solenoids.)

How to Order Valves

10 — SQ1 1 3 1 — 5 — C6

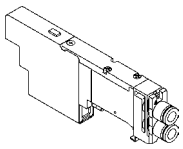
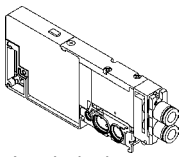
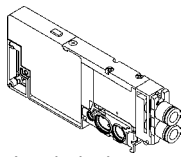
Clean series

Type of actuation

1	2 position single 
2	2 position double (Latching) 
	2 position double (double solenoid) Note 1) 
3	3 position closed center 
4	3 position exhaust center 
5	3 position pressure center 

Note 1) For double solenoid specifications, the function symbol below is "D"

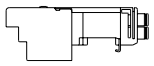
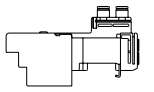
With/Without manifold block

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

Port plug mounting port

Nil	None
A	Port A
B	Port B

Cylinder port size

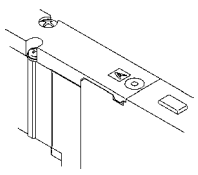
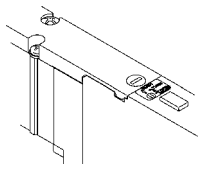
C3	One-touch fitting for ø3.2	Side ported	
C4	One-touch fitting for ø4		
C6	One-touch fitting for ø6		
M5	M5 thread		
L3	One-touch fitting for ø3.2	Note) Top ported	
L4	One-touch fitting for ø4		
L6	One-touch fitting for ø6		
L5	M5 thread		

Note) Can be changed to side ported specification.

Seal

1	Rubber seal

Manual override

Nil	B Note)
Non-locking push type (tool required)	Locking type (tool required)
	

Note) Except double (latching) type.

Function

Nil	Standard type (1.0 W DC)
D	2 position double (double solenoid specifications)
N	Negative common
Y Note 1)	Low wattage type (0.5 W DC)

Note 1) Use the low wattage type under continuous energization. Select a low wattage type of double solenoid spec. since the latching spec. of 2 position double type does not provide a low wattage type.

Note 2) When two or more symbols are specified, indicate them alphabetically.

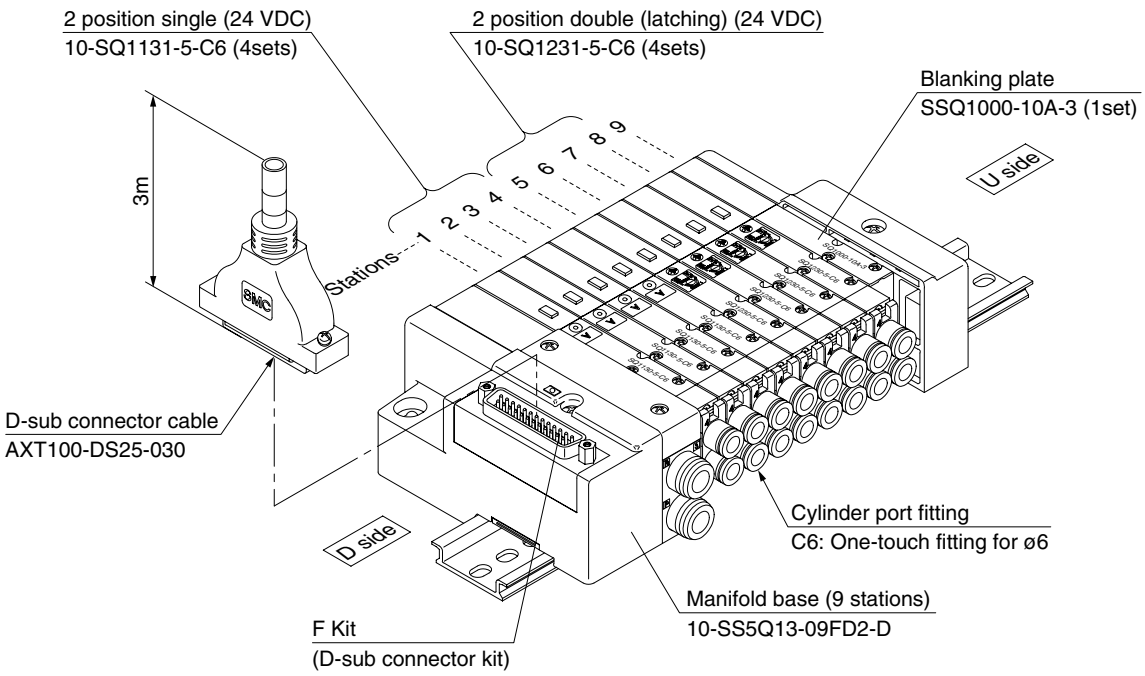
Coil voltage

5	24 VDC
6	12 VDC

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

How to order manifold assembly (Example)

Example) D-sub connector kit, with cable (3 m)



10-SS5Q13-09FD2-D·····**1 set: F kit 9 station manifold base**
∗ **10-SQ1131-5-C6**·····**4 sets: 2 position single**
∗ **10-SQ1231-5-C6**·····**4 sets: 2 position double (latching)**
∗ **SSQ1000-10A-3**·····**1 set: Blanking plate**

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

Add the valve and option part numbers in order starting from the first station on the D side.
When entry of part numbers becomes complicated, indicate on the manifold specification sheet.

Model

Series		Number of solenoids	Model		Flow characteristics Note 1)						Response time (ms) Note 2)		Weight (g)
					1→4/2(P→A/B)			4/2→5/3(A/B→R1/R2)			Standard: 1W	Low wattage	
					C[dm³/(s·bar)]	b	Cv	C[dm³/(s·bar)]	b	Cv			
10-SQ1000	2 position	Single	Rubber seal	**10-SQ1131**	0.79	0.20	0.19	0.80	0.20	0.19	15 or less	20 or less	80
		Double (latching)	Rubber seal	**10-SQ1231**	0.79	0.20	0.19	0.80	0.20	0.19	20 or less	—	80
		Double (double solenoid)	Rubber seal	**10-SQ1231D**	0.79	0.20	0.19	0.80	0.20	0.19	15 or less	20 or less	95
	3 position	Closed center	Rubber seal	**10-SQ1331**	0.64	0.20	0.15	0.58	0.26	0.16	25 or less	33 or less	100
		Exhaust center	Rubber seal	**10-SQ1431**	0.64	0.20	0.15	0.80	0.20	0.19	25 or less	33 or less	100
		Pressure center	Rubber seal	**10-SQ1531**	0.79	0.21	0.19	0.59	0.20	0.14	25 or less	33 or less	100

Note 1) Values for the cylinder port size of C6 from CYL to EXH.
Note 2) Based on JIS B 8375-1981. (Values with a supply pressure of 0.5 MPa and light/surge voltage suppressor. Values fluctuate depending on the pressure and air quality.)

Specifications

Valve specifications	Valve construction		**Rubber seal**
	Fluid		Air, Inert gas
	Maximum operating pressure		0.7MPa
	Minimum operating pressure	Single	0.15MPa
		Double (Latching)	0.18MPa
		Double (Double solenoid)	0.1MPa
		3 position	0.2MPa
	Ambient and fluid temperature		–10 to 50°C Note 1)
	Lubrication		Not required
	Pilot valve manual override		Push type / Locking type (tool required)
	Vibration / impact resistance Note 2)		30/150 m/s²
	Enclosure		Dust tight
Solenoid specifications	Coil rated voltage		12, 24 VDC
	Allowable voltage fluctuation		±10% of rated voltage
	Coil insulation type		Equivalent to class B
	Power consumption (Current)	24 VDC	1 W DC (42 mA), 0.5 W DC (21 mA) Note 3)
		12 VDC	1 W DC (83 mA), 0.5 W DC (42 mA) Note 3)

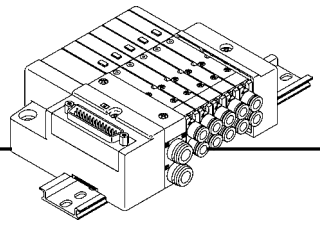
Note 1) Use dry air to prevent condensation when operating at low temperatures.
Note 2) Vibration resistance: No malfunction occurred in one sweep between 8.3 and 2000Hz. Test was performed in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states.
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.
Note 3) Values for low wattage (0.5W) specifications

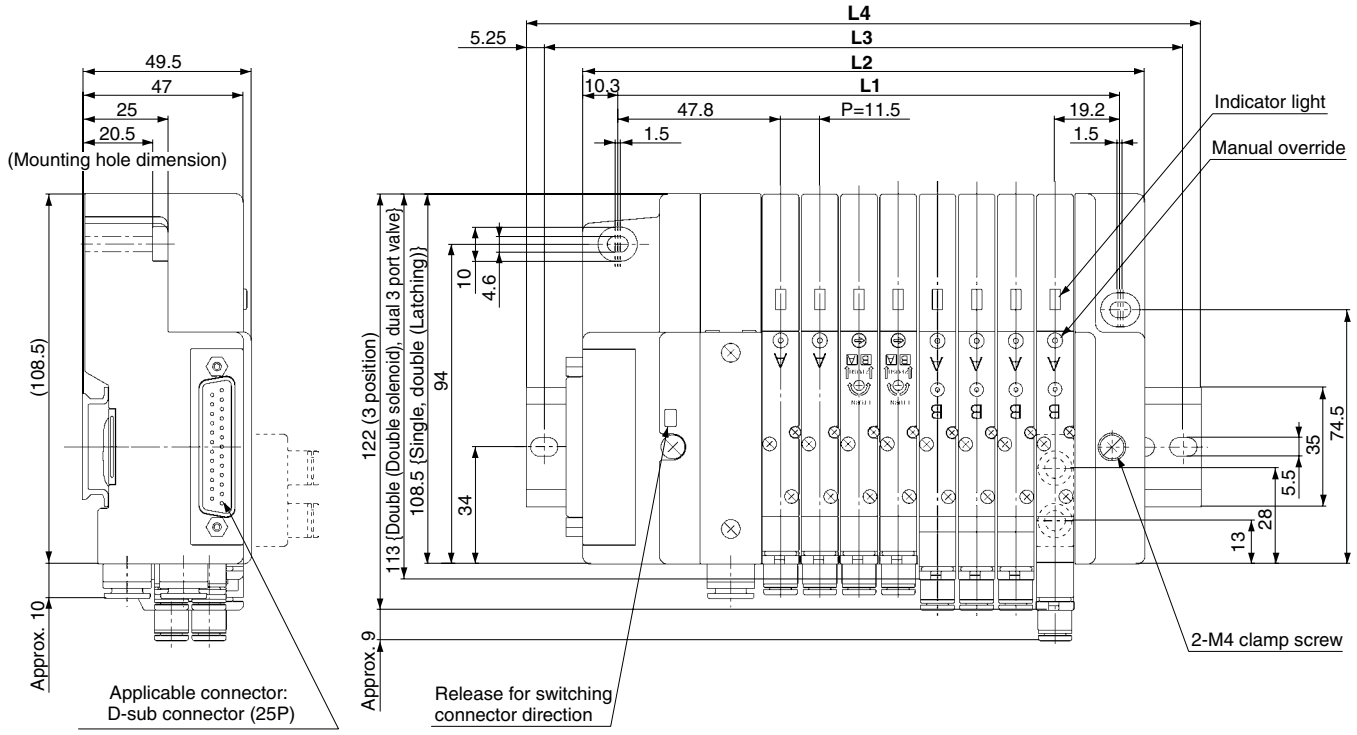
Manifold specifications

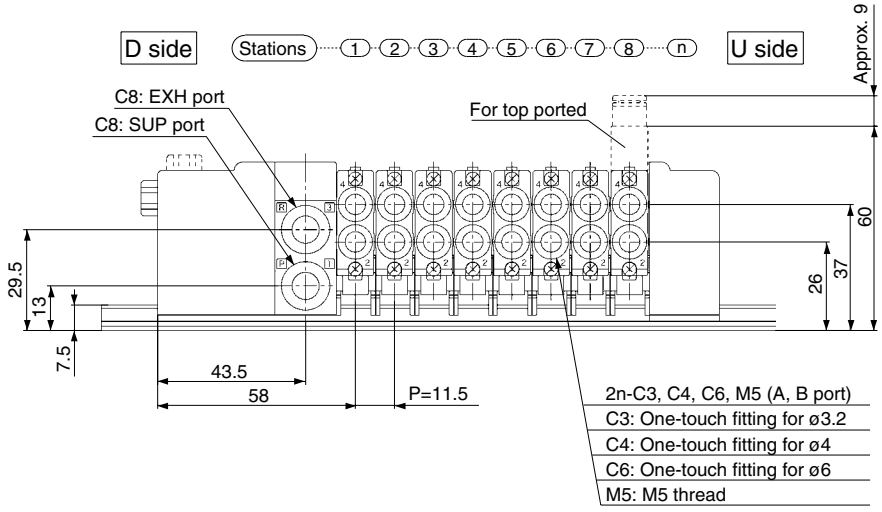
Base model	Piping specifications			Applicable solenoid valve	Connection type		Note 3) Applicable stations	Note 4) 5 station weight (g)	Note 4) 1 station weight (g)
	Port size Note 1)								
	P, R	A, B							
		Port location	Port size						
10-SS5Q13-□□-□	C8 (For ø8)	Side	C3 (For ø3.2) C4 (For ø4) C6 (For ø6) M5 (M5 thread)	**10-SQ1□31**	F kit: D-sub connector		1 to 12 stations	420	20
					P kit: Flat ribbon cable	26P	1 to 12 stations	420	20
						20P	1 to 9 stations		
		Top Note 2)	L3 (For ø3.2) L4 (For ø4) L6 (For ø6) L5 (M5 thread)		J kit: Flat ribbon cable PC wiring system compatible		1 to 8 stations	420	20
					L kit: Lead wire		1 to 12 stations	460	35
					S kit: Serial transmission		1 to 8 stations	475	20

Note 1) One-touch fittings in inch sizes are also available.
Note 2) Can be changed to side ported configuration.
Note 3) An optional specification for special wiring is available to increase the maximum number of stations.
Note 4) Except valves.

F Kit (D-sub connector kit)





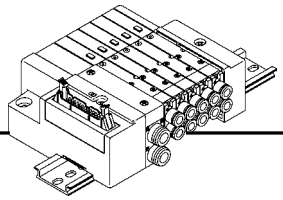


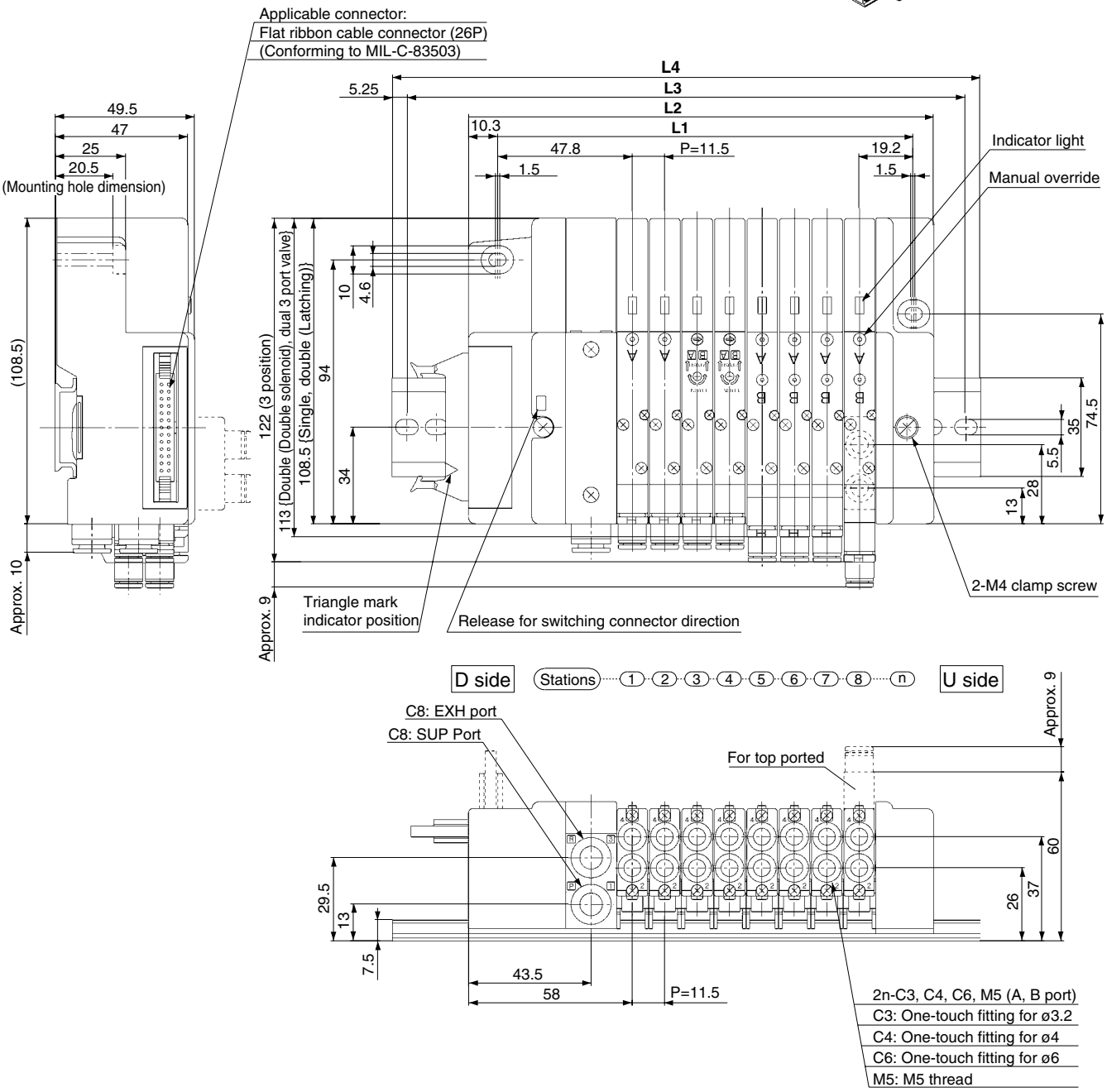
Dimensions

Formula L1 = 11.5n + 55.5 L2 = 11.5n + 73 n: Stations (Max. 24 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
L1	67	78.5	90	101.5	113	124.5	136	147.5	159	170.5	182	193.5	205	216.5	228	239.5	251	262.5	274	285.5	297	308.5	320	331.5
L2	84.5	96	107.5	119	130.5	142	153.5	165	176.5	188	199.5	211	222.5	234	245.5	257	268.5	280	291.5	303	314.5	326	337.5	349
L3	112.5	125	137.5	150	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	300	312.5	325	337.5	350	362.5	375
L4	123	135.5	148	160.5	160.5	173	185.5	198	210.5	223	235.5	248	260.5	273	285.5	298	310.5	310.5	323	335.5	348	360.5	373	385.5

P Kit (Flat ribbon cable connector)



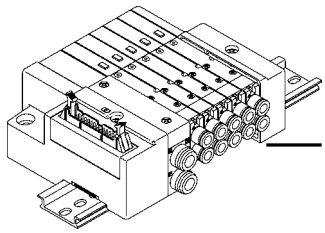


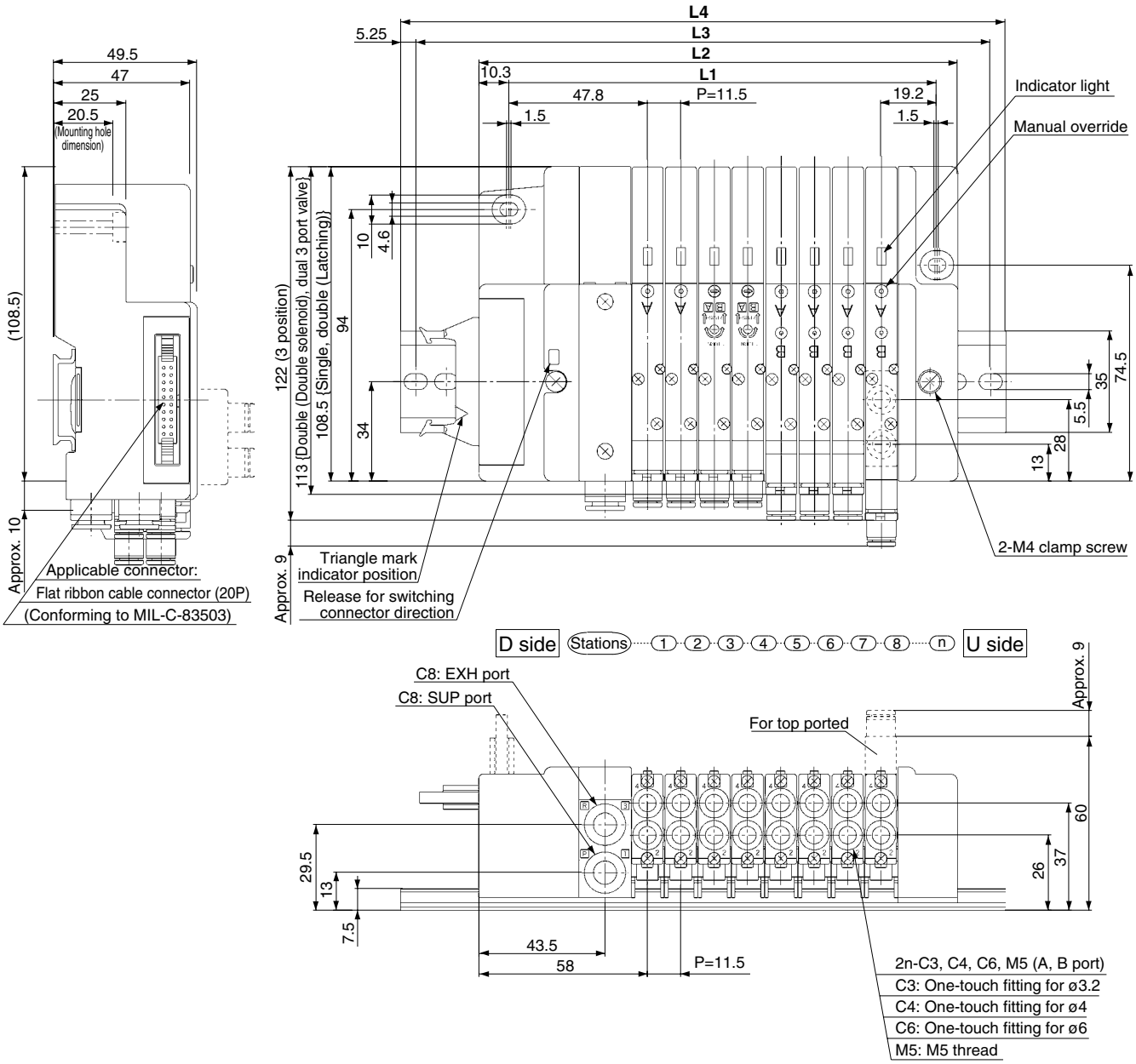
Dimensions

Formula L1 = 11.5n + 55.5 L2 = 11.5n + 73 n: Stations (Max. 24 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
L1	67	78.5	90	101.5	113	124.5	136	147.5	159	170.5	182	193.5	205	216.5	228	239.5	251	262.5	274	285.5	297	308.5	320	331.5
L2	84.5	96	107.5	119	130.5	142	153.5	165	176.5	188	199.5	211	222.5	234	245.5	257	268.5	280	291.5	303	314.5	326	337.5	349
L3	112.5	125	137.5	150	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	300	312.5	325	337.5	350	362.5	375
L4	123	135.5	148	160.5	160.5	173	185.5	198	210.5	223	235.5	248	260.5	273	285.5	298	310.5	310.5	323	335.5	348	360.5	373	385.5

J Kit (PC wiring system compatible flat ribbon cable kit)

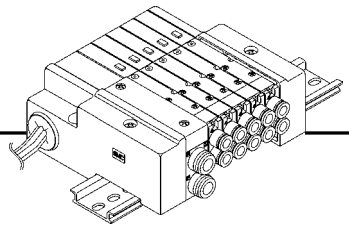


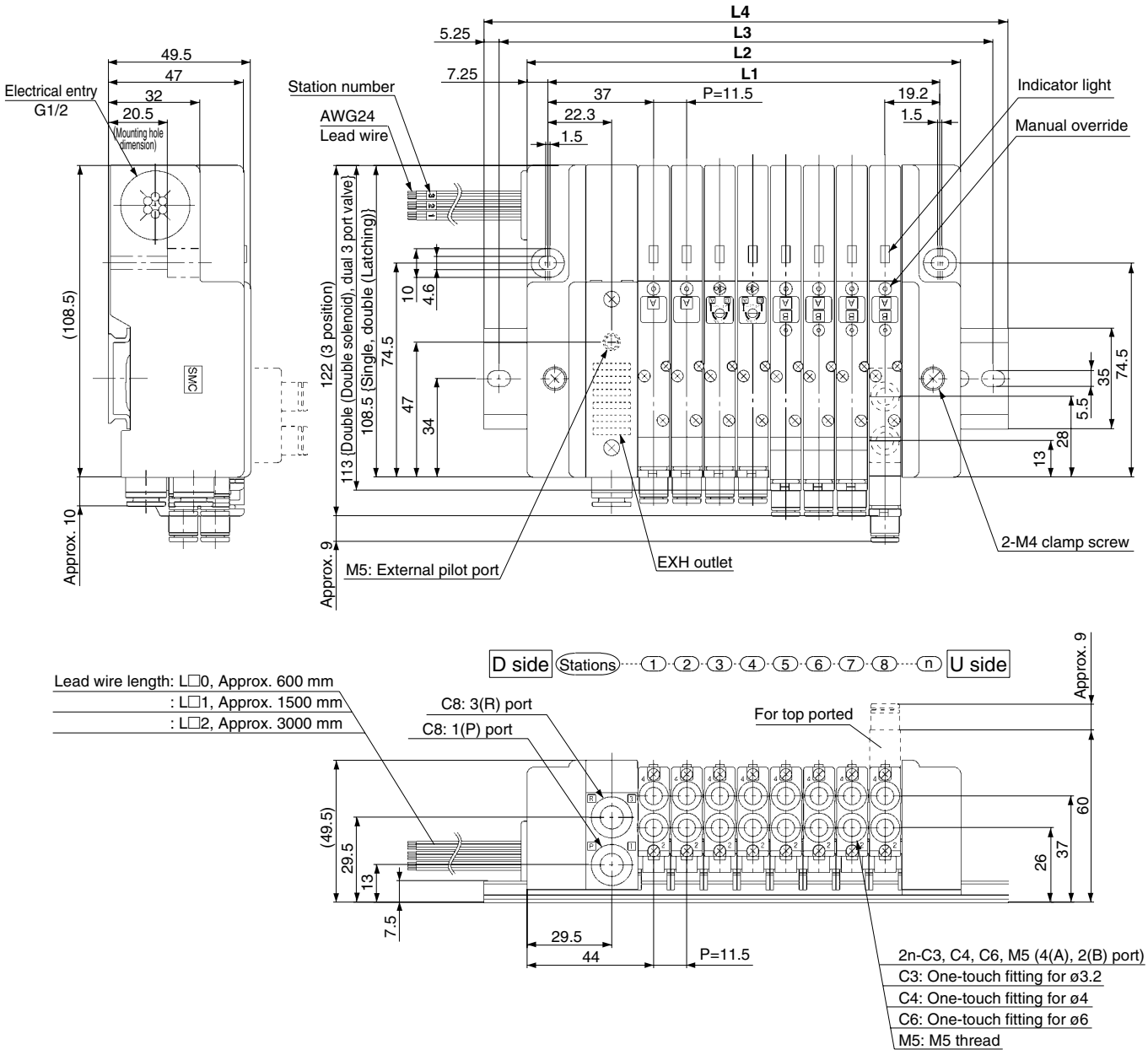


Dimensions Formula L1 = 11.5n + 55.5 L2 = 11.5n + 73 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	67	78.5	90	101.5	113	124.5	136	147.5	159	170.5	182	193.5	205	216.5	228	239.5
L2	84.5	96	107.5	119	130.5	142	153.5	165	176.5	188	199.5	211	222.5	234	245.5	257
L3	112.5	125	137.5	150	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5
L4	123	135.5	148	160.5	160.5	173	185.5	198	210.5	223	235.5	248	260.5	273	285.5	298

L Kit (Lead wire cable)

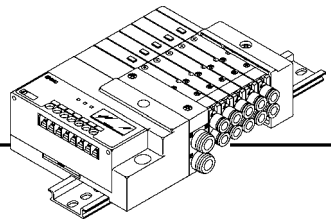


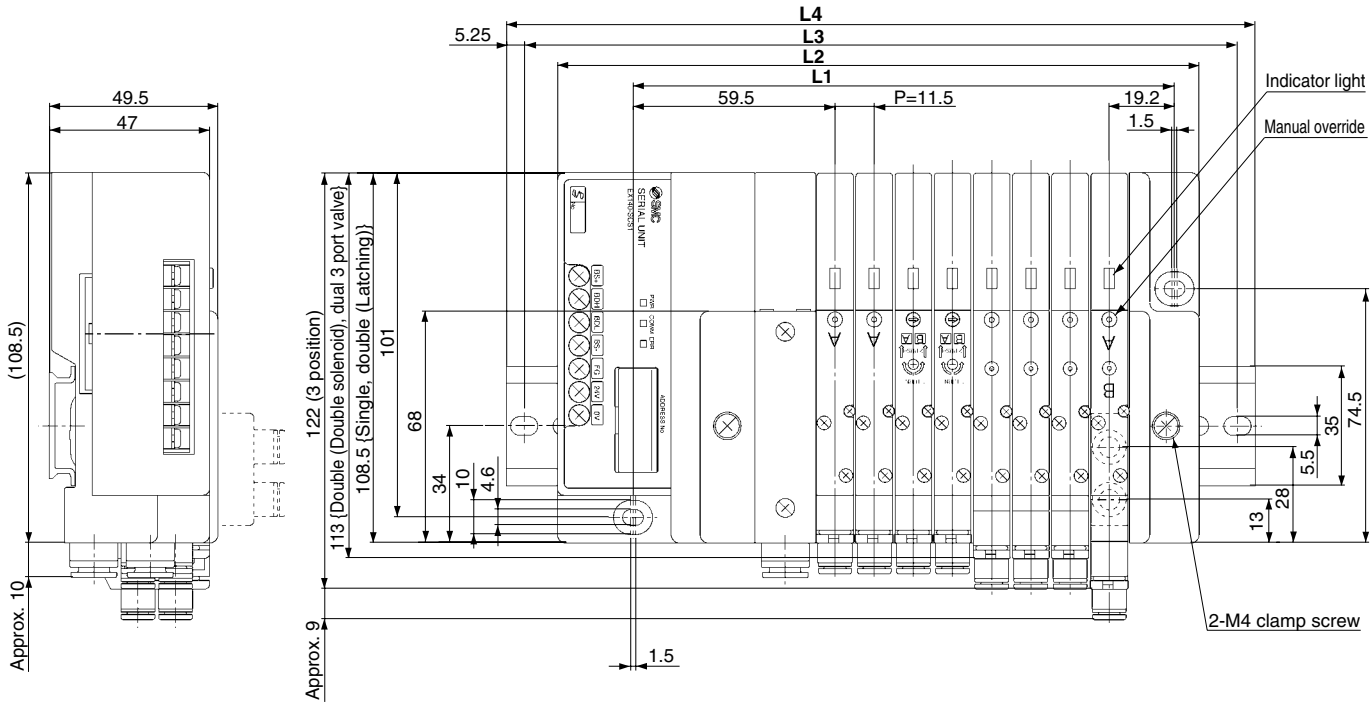


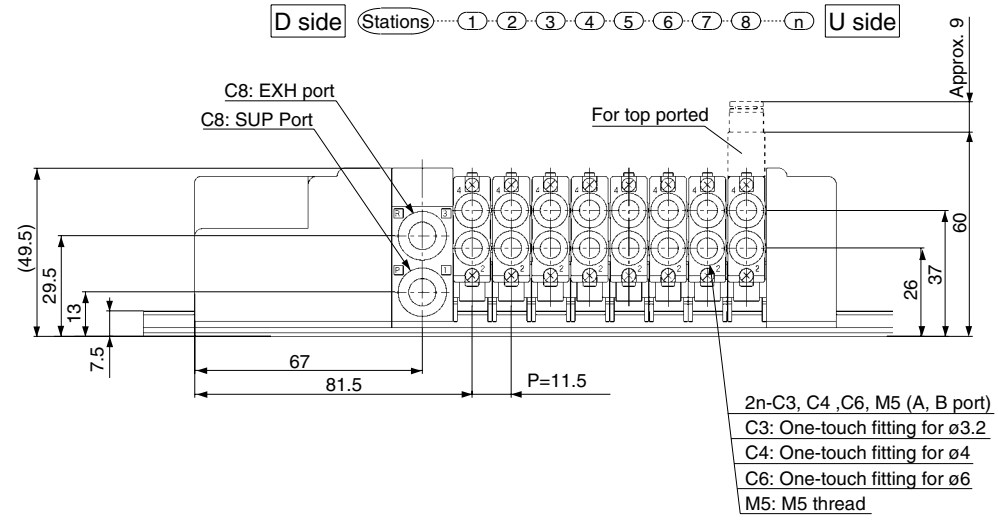
Dimensions Formula L1 = 11.5n + 44.5 L2 = 11.5n + 59 n: Stations (Max. 12 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12
L1	56	67.5	79	90.5	102	113.5	125	136.5	148	159.5	171	182.5
L2	70.5	82	93.5	105	116.5	128	139.5	151	162.5	174	185.5	197
L3	100	112.5	125	125	137.5	150	162.5	175	187.5	200	212.5	225
L4	110.5	123	135.5	135.5	148	160.5	173	185.5	198	210.5	223	235.5

S Kit (Serial transmission unit)







Dimensions Formula L1 = 11.5n + 67 L2 = 11.5n + 96.5 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	78.5	90	101.5	113	124.5	136	147.5	159	170.5	182	193.5	205	216.5	228	239.5	251
L2	108	119.5	131	142.5	154	165.5	177	188.5	200	211.5	223	234.5	246	257.5	269	280.5
L3	137.5	150	162.5	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	300
L4	148	160.5	173	173	185.5	198	210.5	223	235.5	248	260.5	273	285.5	298	310.5	310.5

How to Order Manifold

10 — SS5Q23 — 08 FD2 — D □

Stations

01	1 station
⋮	⋮
16 Note)	16 stations

Note) The maximum number of stations depends on the type of electrical entries.

Option

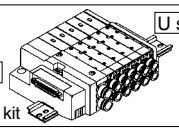
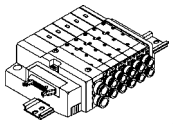
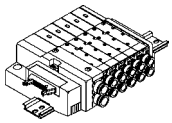
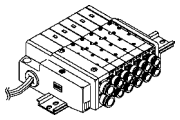
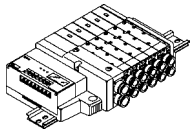
Nil	Nill
02 to 24	DIN rail length specified Note 1)
B	Back pressure check valve
K	Special wiring specifications (Except double wiring) Note 2)
N	With name plate (Side ported only)

Note 1) Specify DIN rail length with "D□" at the end. (Enter the number of stations inside "□".) Example: -D08
Note 2) Standard wiring specifications are for double wiring.Indicate wiring specifications for single wiring or mixed single and double wiring, or when exceeding the standard maximum number of stations. (Except L kit.)
Note 3) For specifying two or more options, enter them alphabetically. Example: -BKN

Manifold mounting

D	DIN rail mounting
E	Direct mounting

Electrical entry

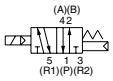
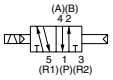
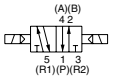
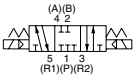
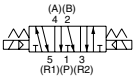
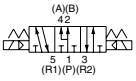
Kit type		Electrical wire connector location	Cable specifications	Stations	Max. number of stations for special wiring specifications	Max. number of solenoids Note 2)
F Kit (U side / D side) D-sub connector kit 	**FD0**	D side	D-sub connector (25P) kit without cable	1 to 12 stations	16 stations	24
	FD1		D-sub connector (25P) kit with 1.5 m cable			
	FD2		D-sub connector (25P) kit with 3.0 m cable			
	FD3		D-sub connector (25P) kit with 5.0 m cable			
P Kit Flat ribbon cable connector kit (26P 20P) 	**PD0**	D side Note 1)	Flat ribbon cable (26P) kit without cable	1 to 12 stations	16 stations	24
	PD1		Flat ribbon cable (26P) kit with 1.5 m cable			
	PD2		Flat ribbon cable (26P) kit with 3.0 m cable			
	PD3		Flat ribbon cable (26P) kit with 5.0 m cable			
	PDC		Flat ribbon cable (20P) kit without cable	1 to 9 stations		18
J kit Flat ribbon cable (20P) PC wiring system compatible 	**JD0**	D side	Flat ribbon cable (20P) PC wiring system compatible	1 to 8 stations	16 stations	16
L kit Lead wire kit 	**LD0**	D side	Lead wire kit (lead wire length: 0.6 mm)	1 to 12 stations	—	—
	LU0	U side				
	LD1	D side	Lead wire kit (lead wire length: 1.5 mm)			
	LU1	U side				
	LD2	D side	Lead wire kit (lead wire length: 3.0 mm)			
	LU2	U side				
S kit Serial transmission kit 	**SDF**	D side	NKE Corp..: Uni-wire System compatible	1 to 8 stations	16 stations	16
	SDH		NKE Corp..: Uni-wire H System compatible			
	SDJ1		SUNX Corp..: S-LINK System (16 output points) compatible			
	SDJ2		SUNX Corp..: S-LINK System (8 output points) compatible	1 to 4 stations	8 stations	8
	SDQ		DeviceNet and CompoBus/D (OMRON Corp.)	1 to 8 stations	16 stations	16
	SDR1		OMRON Corp.: CompoBus/S (16 output points) compatible			
	SDR2		OMRON Corp.: CompoBus/S (8 output points) compatible	1 to 4 stations	8 stations	8
	SDV		Mitsubishi Electric Corp.: CC -Link compatible	1 to 8 stations	16 stations	16

Note 1) Separately order the 20P type cable assembly for the P kit.
Note 2) The maximum number of stations should not be more than the maximum number of solenoids. (The number of solenoids are counted as: 1 for single solenoid and 2 for type 3P and 4P double solenoids.)

How to Order Valves

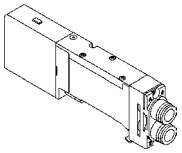
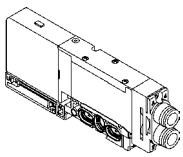
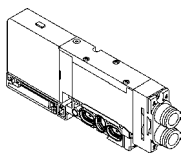
10 — SQ2 [1] 3 [1] [ ] — [5] [ ] — [C6] [ ] [ ]

Type of actuation

1	2 position single 
2	2 position double (latching) 
	2 position double (double solenoid) Note 1) 
3	3 position closed center 
4	3 position exhaust center 
5	3 position pressure center 

Note 1) For double solenoid specifications, the function symbol below is "D"

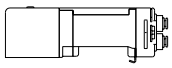
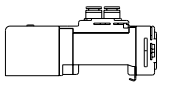
With/without manifold block

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

Port plug mounting port

Nil	Nill
A	A port
B	B port

Cylinder port size

C4	One-touch fitting for ø4	Side ported	
C6	One-touch fitting for ø6		
C8	One-touch fitting for ø8		
L4	One-touch fitting for ø4	Top Note) ported	
L6	One-touch fitting for ø6		
L8	One-touch fitting for ø8		

Note) Can be changed to side ported configuration.

Seal type

1	Rubber seal

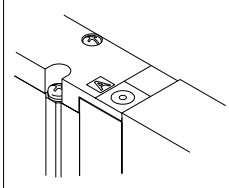
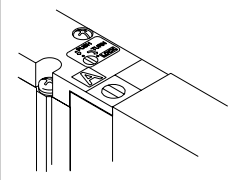
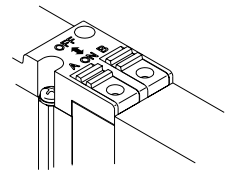
Function

Nil	Standard (1.0 WDC)
D	2 position double (Double solenoid)
N	Negative common
Y Note 1)	Low wattage type (0.5 W DC)

Note 1) Use a low wattage type under continuous energization. Select a low wattage type of double solenoid spec. since the latching spec. of 2 position double type does not provide the low wattage type.

Note 2) When two or more symbols are specified, indicate them alphabetically.

Manual override

Nil	B Note)	D Note)
Non-locking push type (tool required)	Locking type (tool required)	Slide locking type (Manual type) ∗ Only side ported type applicable
		

Note) Except double (latching) type.

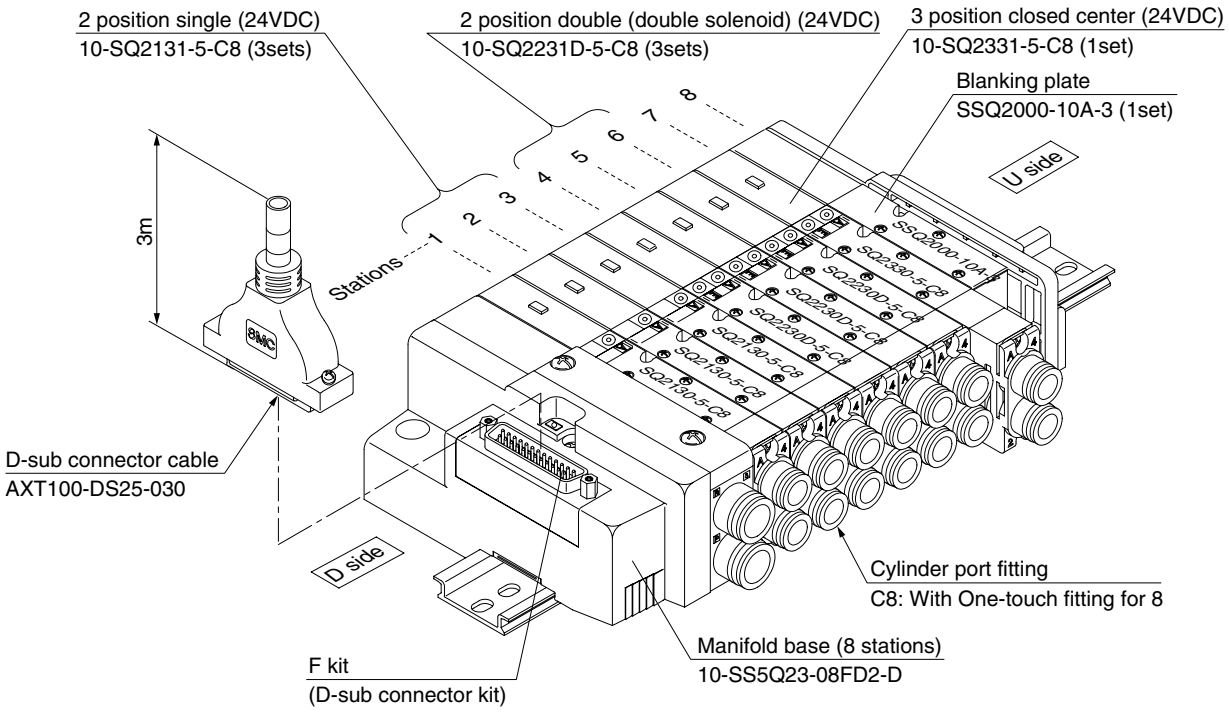
Coil voltage

5	24 VDC
6	12 VDC

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

How to Order Manifold Assembly (Example)

Example) D-sub connector kit, with cable (3 m)



10-SS5Q23-08FD2-D·····**1 set: F kit 8 station manifold base**
∗ **10-SQ2131-5-C8**·····**3 sets: 2 position single**
∗ **10-SQ2231D-5-C8**·····**3 sets: 2 position double (double solenoid)**
∗ **10-SQ2331-5-C8**·····**1 set: 3 position closed center**
∗ **SSQ2000-10A-3**·····**1 set: Blanking plate**

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

Add the valve and option part numbers in order starting from the first station on the D side.
When entry of part numbers becomes complicated, indicate on the manifold specification sheet.

Model

Series		Number of solenoids	Model		Flow characteristics Note 1)						Response time (ms) Note 2)		Weight (g)
					1→4/2(P→A/B)			4/2→5/3(A/B→R1/R2)			Standard: 1W	Low wattage	
					C[dm³/(s·bar)]	b	Cv	C[dm³/(s·bar)]	b	Cv			
10-SQ2000	2 position	Single	Rubber seal	**10-SQ2131**	2.3	0.17	0.51	3.1	0.18	0.71	24 or less	31 or less	140
		Double (latching)	Rubber seal	**10-SQ2231**	2.3	0.17	0.51	3.1	0.18	0.71	31 or less	—	140
		Double (double solenoid)	Rubber seal	**10-SQ2231D**	2.3	0.17	0.51	3.1	0.18	0.71	20 or less	26 or less	155
	3 position	Closed center	Rubber seal	**10-SQ2331**	1.9	0.17	0.46	1.8	0.29	0.47	34 or less	44 or less	175
		Exhaust center	Rubber seal	**10-SQ2431**	1.9	0.17	0.46	3.1	0.14	0.65	34 or less	44 or less	175
		Pressure center	Rubber seal	**10-SQ2531**	2.5	0.17	0.56	1.8	0.30	0.47	34 or less	44 or less	175

Note 1) Values for the top ported cylinder port size of C8 (CYL—EXH). The side ported type will be about 10% less.
Note 2) Based on JIS B 8375-1981. (Values with a supply pressure of 0.5 MPa and indicator light/surge voltage suppressor. Values fluctuate depending on the pressure and air quality.)

Specifications

Valve specifications	Valve construction		Rubber seal
	Fluid		Air, Inert gas
	Maximum operating pressure		0.7MPa
	Minimum operating pressure	Single	0.15MPa
		Double (latching)	0.18MPa
		Double (double solenoid)	0.1MPa
		3 position	0.2MPa
	Ambient and fluid temperature		−10 to 50°C Note 1)
	Lubrication		Not required
	Pilot valve manual override		Push type (tool required)/Locking type (tool required)/Slide locking type (manual type)
	Vibration/impact resistance Note 2)		30/150 m/s²
	Enclosure		Dust tight
Solenoid specifications	Coil rated voltage		12, 24 VDC
	Allowable voltage fluctuation		±10% of rated voltage
	Coil insulation type		Equivalent to class B
	Power consumption (Current)	24 VDC	1 W DC (42mA), 0.5 W DC (21mA) Note 3)
		12 VDC	1 W DC (83mA), 0.5 W DC (42mA) Note 3)

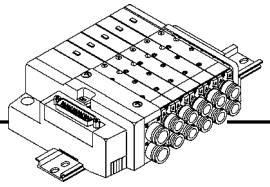
Note 1) Use dry air to prevent condensation when operating at low temperatures.
Note 2) Vibration resistance: No malfunction occurred in a one-sweep test between 8.3 and 2000 Hz. The test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature.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 status every once for each condition.
Note 3) Values for the low wattage (0.5W) specifications

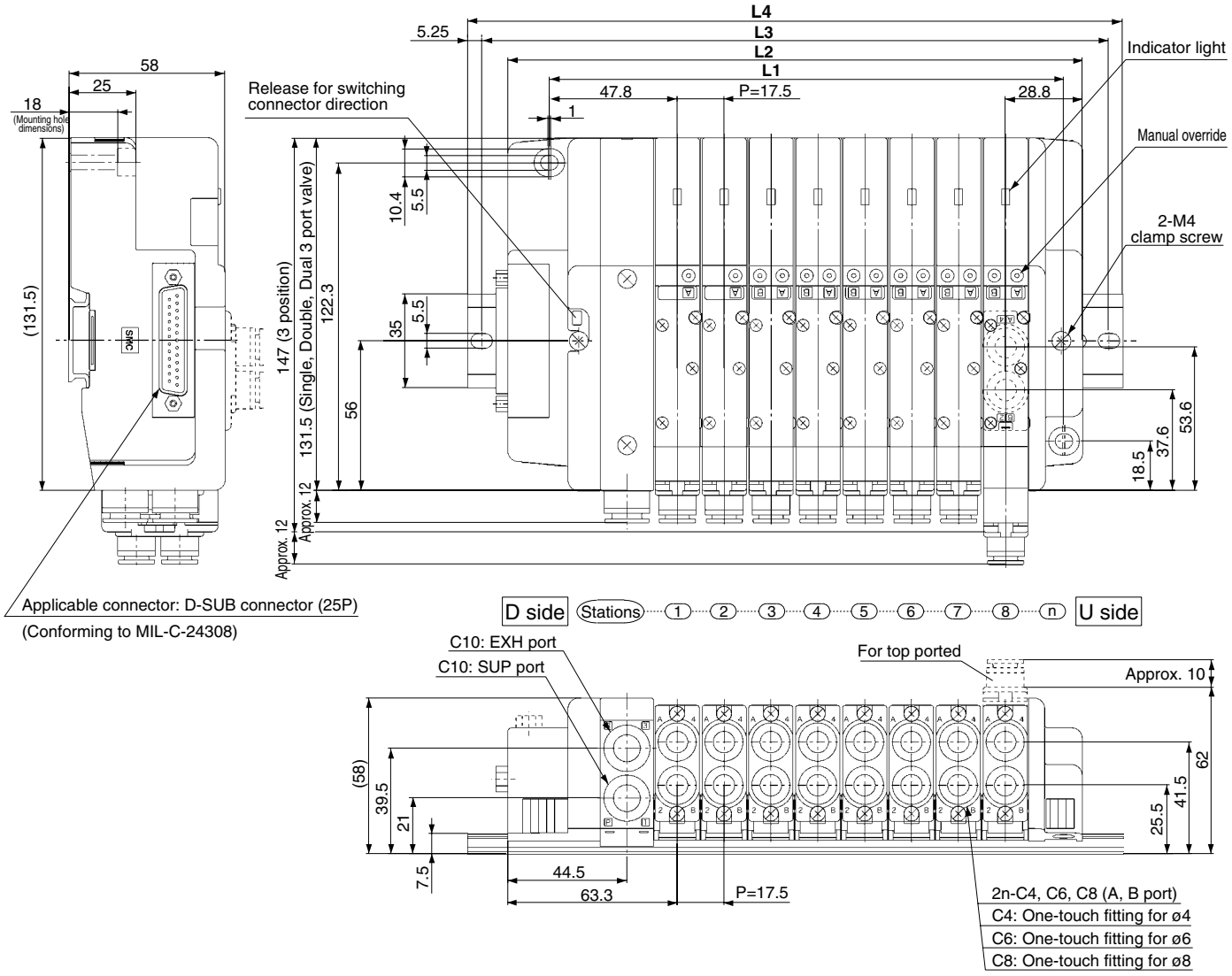
Manifold specifications

Base model	Piping specifications			Applicable solenoid valve	Connection type		Note 3) Applicable stations	Note 4) 5 stations weight (g)	Note 4) 1 station weight (g)
	Port size Note 1)								
	P, R	A, B							
		Port location	Port size						
Series 10-SQ2000	C10 (For ø10)	Side	C4 (For ø4) C6 (For ø6) C8 (For ø8)	10-SQ2□31	F kit: D-sub connector		1 to 12 stations	580	35
					P kit: Flat ribbon cable	26P	1 to 12 stations	580	35
						20P	1 to 9 stations		
10-SS5Q23-□□-□		Note 2) Top	C4 (For ø4) C6 (For ø6) C8 (For ø8)		J kit: Flat ribbon cable PC wiring system compatible		1 to 8 stations	580	35
					L. Kit: Lead wire		1 to 12 stations	620	50
					S Kit: Serial transmission		1 to 8 stations	650	35

Note 1) One-touch fittings in inch sizes are also available.
Note 2) Can be changed to side ported configuration.
Note 3) An optional specification for special wiring is available to increase the maximum number of stations.
Note 4) Except valves.

F Kit (D-sub connector kit)

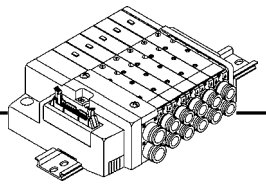


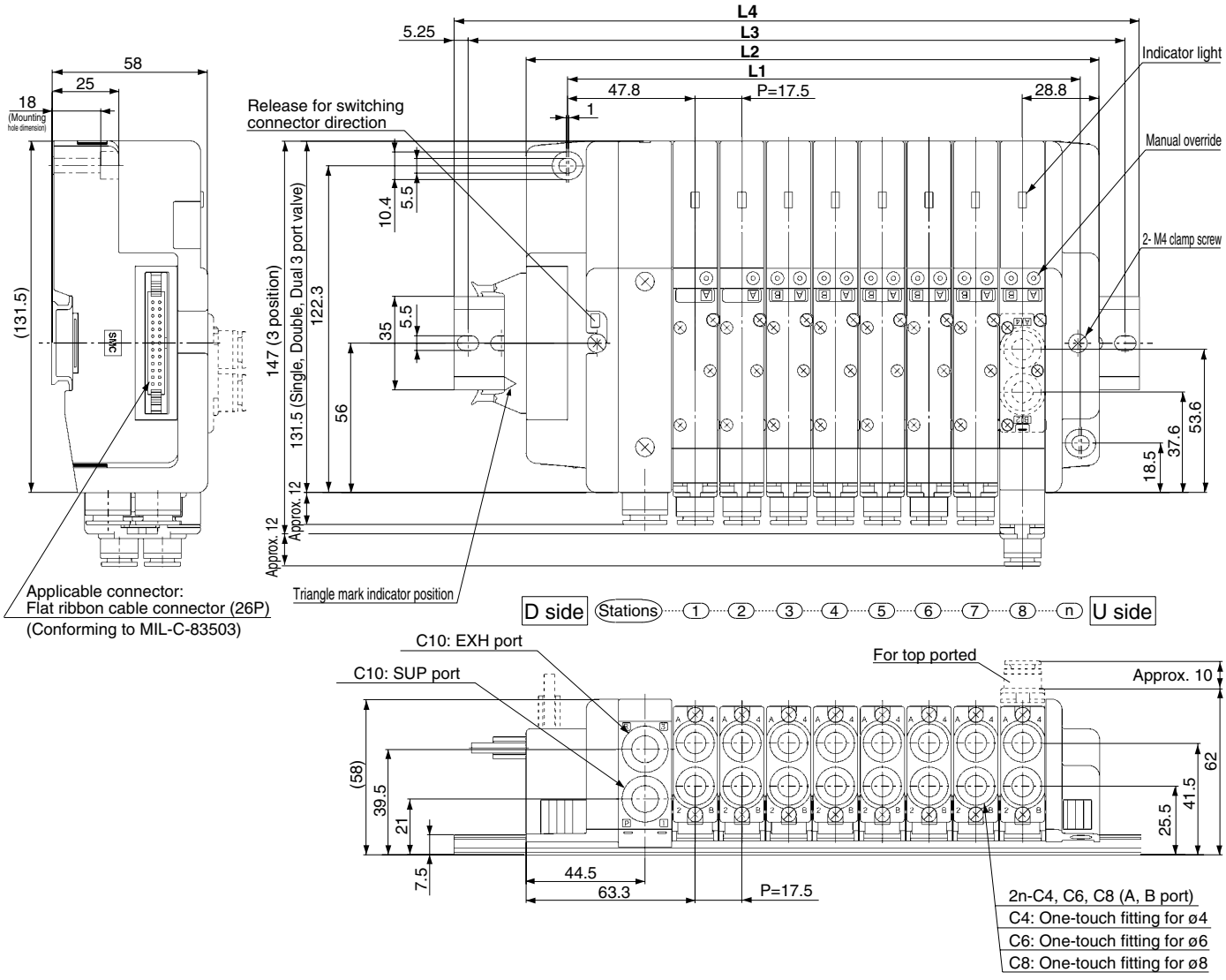


Dimensions Formula: L1 = 17.5n + 52, L2 = 17.5n + 74.5 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	69.5	87	104.5	122	139.5	157	174.5	192	209.5	227	244.5	262	279.5	297	314.5	332
L2	92	109.5	127	144.5	162	179.5	197	214.5	232	249.5	267	284.5	302	319.5	337	354.5
L3	112.5	137.5	150	175	187.5	200	225	237.5	262.5	275	287.5	312.5	325	350	362.5	375
L4	123	148	160.5	185.5	198	210.5	235.5	248	273	285.5	298	323	335.5	360.5	373	385.5

P Kit (Flat ribbon cable kit)

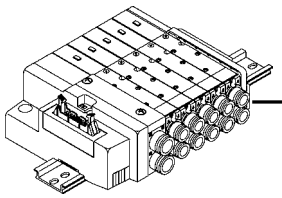


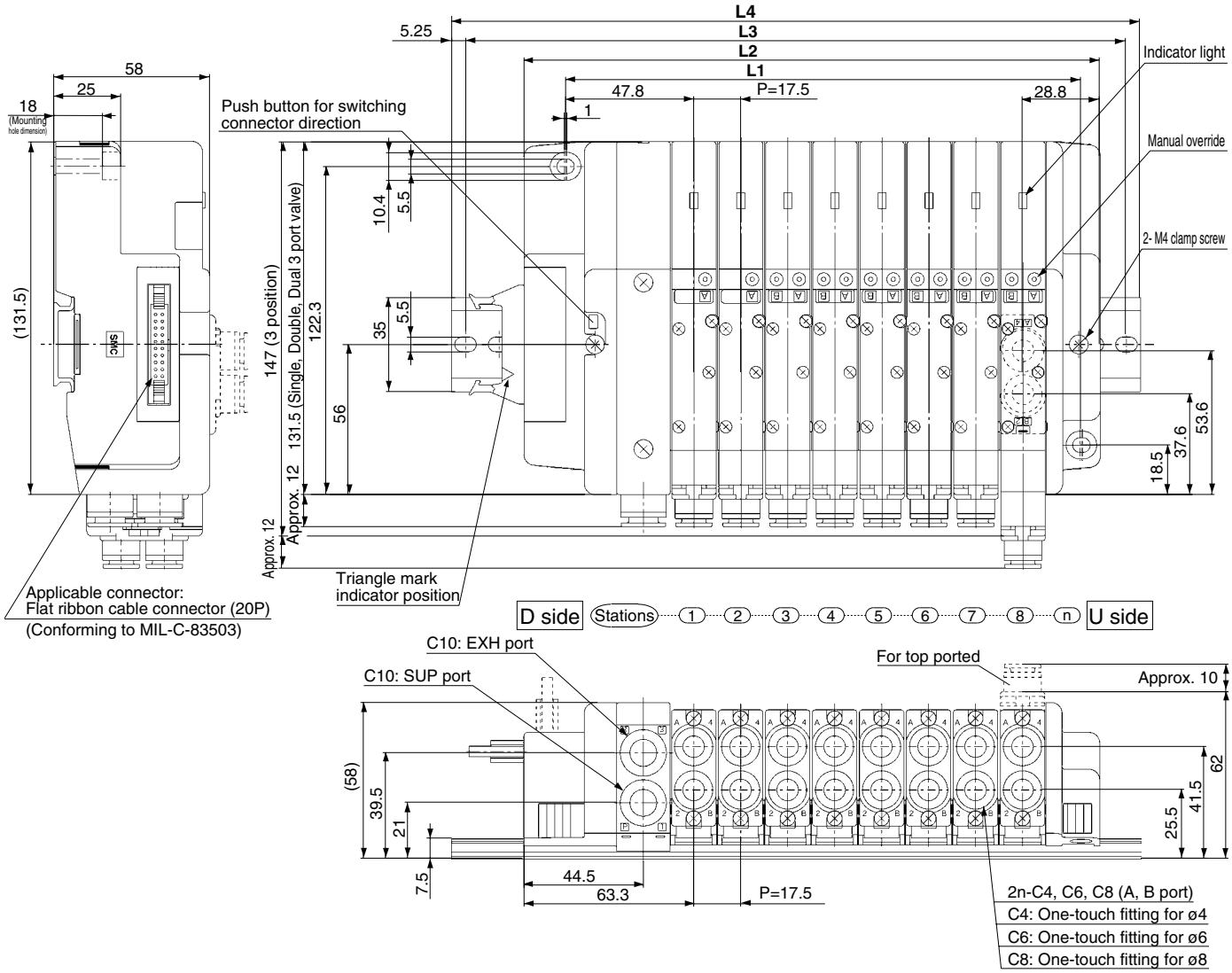


Dimensions Formula: L1 = 17.5n + 52, L2 = 17.5n + 74.5 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	69.5	87	104.5	122	139.5	157	174.5	192	209.5	227	244.5	262	279.5	297	314.5	332
L2	92	109.5	127	144.5	162	179.5	197	214.5	232	249.5	267	284.5	302	319.5	337	354.5
L3	112.5	137.5	150	175	187.5	200	225	237.5	262.5	275	287.5	312.5	325	350	362.5	375
L4	123	148	160.5	185.5	198	210.5	235.5	248	273	285.5	298	323	335.5	360.5	373	385.5

J Kit (PC wiring system compatible flat ribbon cable kit)

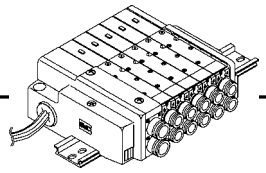


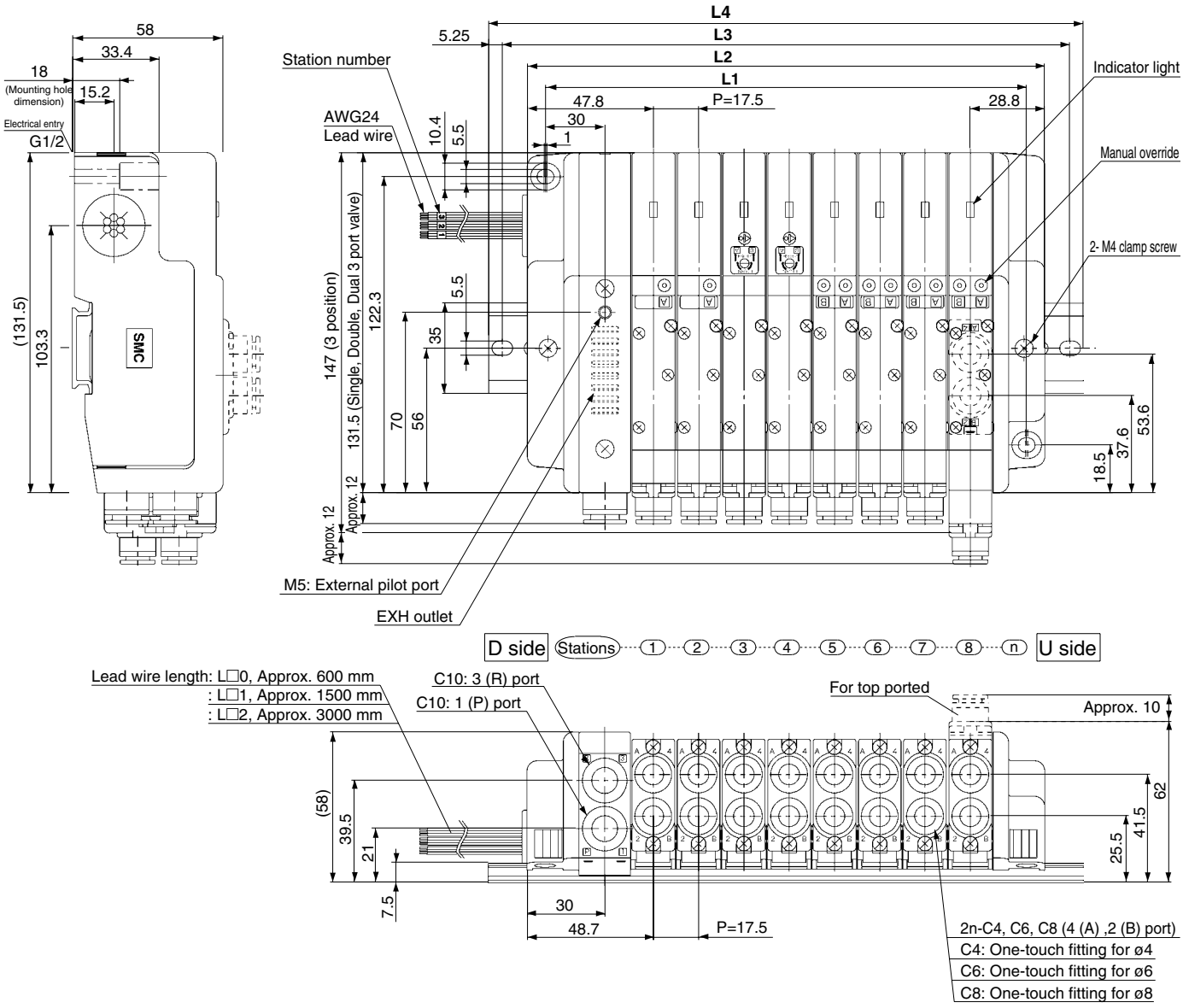


Dimensions Formula: L1 = 17.5n + 52, L2 = 17.5n + 74.5 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	69.5	87	104.5	122	139.5	157	174.5	192	209.5	227	244.5	262	279.5	297	314.5	332
L2	92	109.5	127	144.5	162	179.5	197	214.5	232	249.5	267	284.5	302	319.5	337	354.5
L3	112.5	137.5	150	175	187.5	200	225	237.5	262.5	275	287.5	312.5	325	350	362.5	375
L4	123	148	160.5	185.5	198	210.5	235.5	248	273	285.5	298	323	335.5	360.5	373	385.5

L Kit (Lead wire kit)

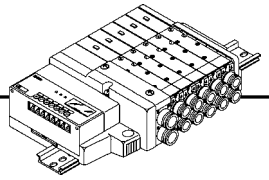


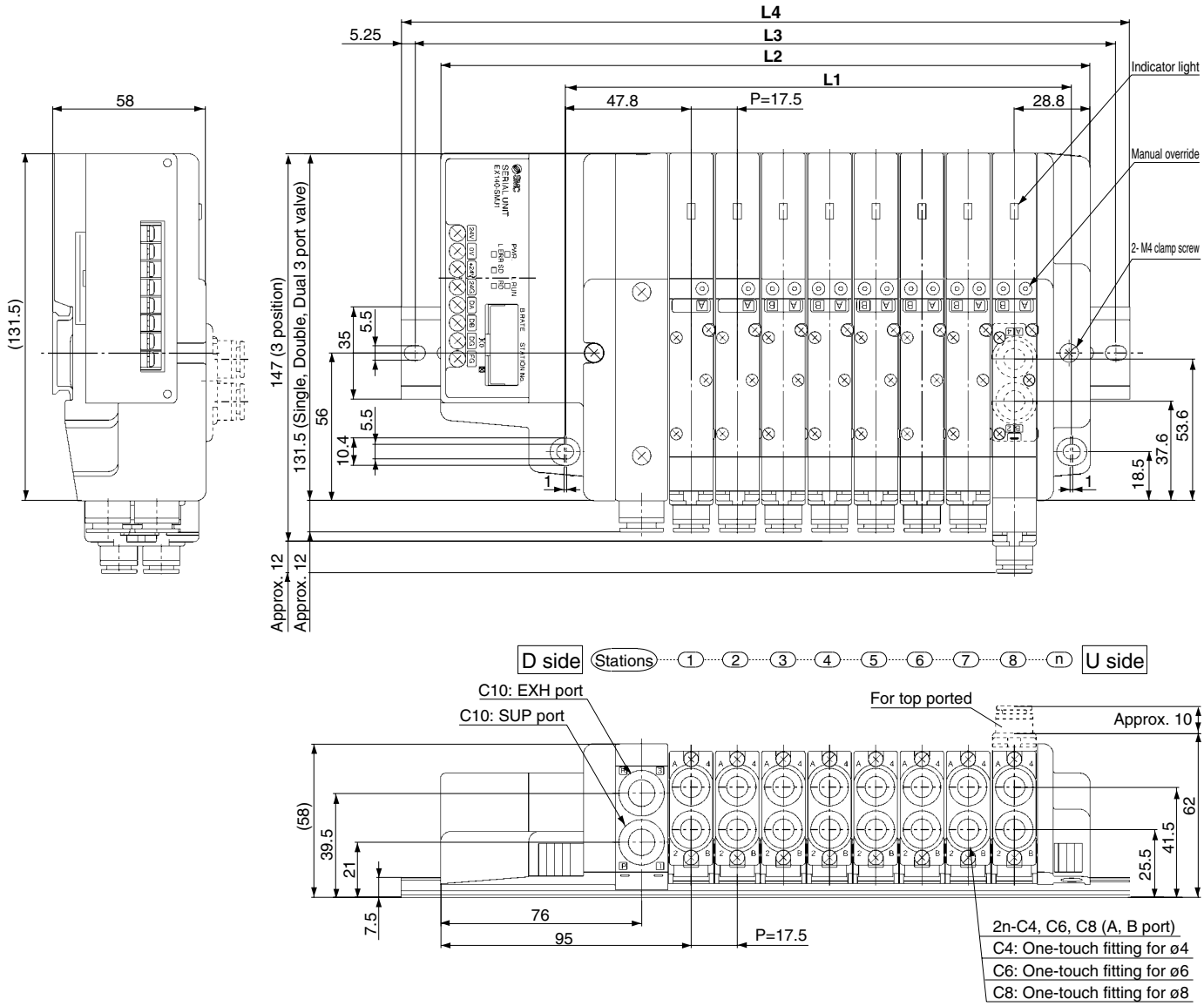


Dimensions Formula: L1 = 17.5n + 46, L2 = 17.5n + 60 n: Stations (Max. 12 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12
L1	63.5	81	98.5	116	133.5	151	168.5	186	203.5	221	238.5	256
L2	77.5	95	112.5	130	147.5	165	182.5	200	217.5	235	252.5	270
L3	100	125	137.5	150	175	187.5	212.5	225	237.5	262.5	275	300
L4	110.5	135.5	148	160.5	185.5	198	223	235.5	248	273	285.5	310.5

S Kit (Serial transmission kit)





Dimensions Formula: L1 = 17.5n + 52, L2 = 17.5n + 106 n: Stations (Max. 16 stations)

L \ n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L1	69.5	87	104.5	122	139.5	157	174.5	192	209.5	227	244.5	262	279.5	297	314.5	332
L2	123.5	141	158.5	176	193.5	211	228.5	246	263.5	281	298.5	316	333.5	351	368.5	386
L3	150	162.5	187.5	200	225	237.5	250	275	287.5	312.5	325	337.5	362.5	375	400	412.5
L4	160.5	173	198	210.5	235.5	248	260.5	285.5	298	323	335.5	348	373	385.5	410.5	423