

Body Ported
Plug Lead Unit

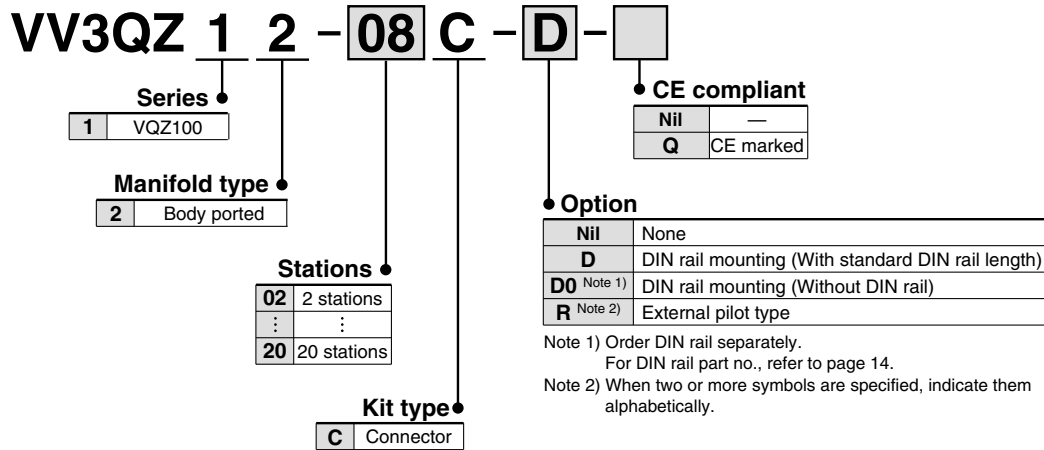
3 Port Solenoid Valve

Series VQZ100/200/300

Manifold Connector Kit

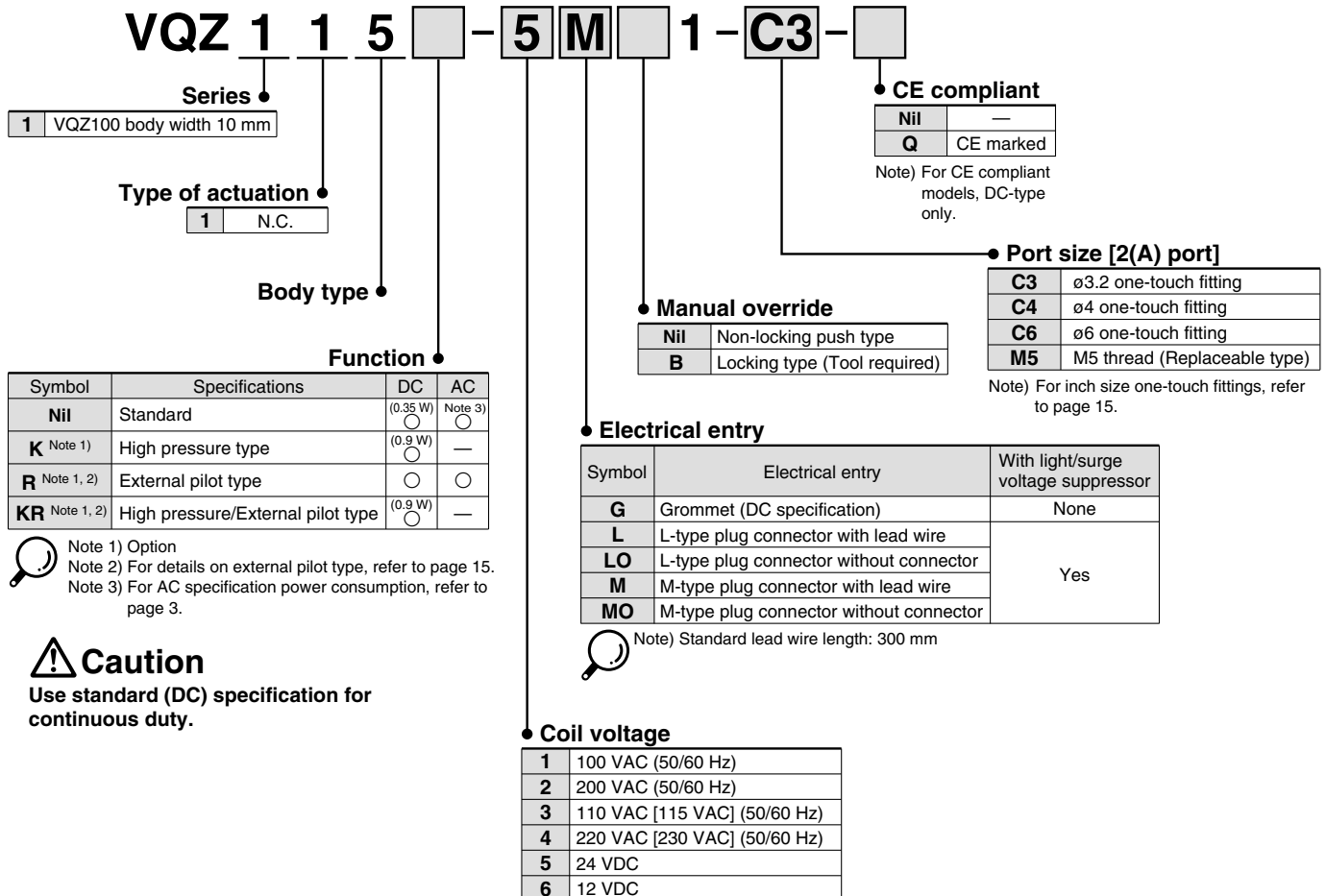


VQZ100 / How to Order Manifold



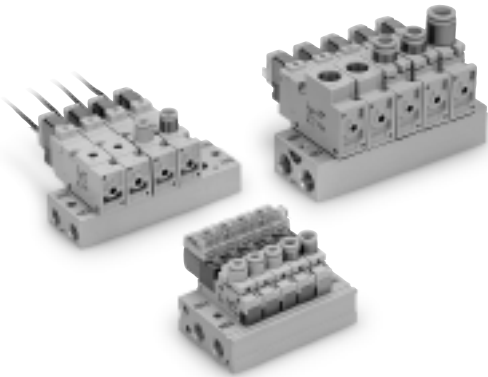
Note) For 1(P), 3(R) of optional thread type, refer to page 15.

VQZ100 / How to Order Valve



Caution
Use standard (DC) specification for continuous duty.

Manifold Specifications



Series	Base model	Piping specifications		Applicable solenoid valve	Applicable stations	Manifold base weight (g)
		Piping direction	Port size			
			1(P), 3(R)	2(A)		
VQZ100	VV3QZ12-□□□	Top	Rc 1/8	C3 (for ø3.2) C4 (for ø4) C6 (for ø6) M5 (M5 thread)	VQZ115	2 to 20 stations 2 stations: 83 Addition per station: 19
VQZ200	VV3QZ22-□□□	Top	Rc 1/8	C4 (for ø4) C6 (for ø6) M5 (M5 thread)	VQZ2□2	2 to 20 stations 2 stations: 68 Addition per station: 20
VQZ300	VV3QZ32-□□□	Top	Rc 1/4	C6 (for ø6) C8 (for ø8) C10 (for ø10) Rc 1/4	VQZ3□2	2 to 20 stations 2 stations: 114 Addition per station: 37

How to Order Manifold Assembly (Example)

VV3QZ22-05C 1 set (C kit 5-station manifold base part no.)

* **VVQZ200-10A-2** ... 1 set (Blanking plate assembly part no.)

* **VQZ212-5M1-C6** ... 4 sets (N.C. type part no.)

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

→ Enter in order starting from the first station on the D side.

Add the valve and option part number under the manifold base part number.
When entry of part numbers becomes complicated, indicate by the manifold specification sheet.

Series VQZ100/200/300

Dimensions: VQZ100

VV3QZ12- Stations C

Grommet (G)

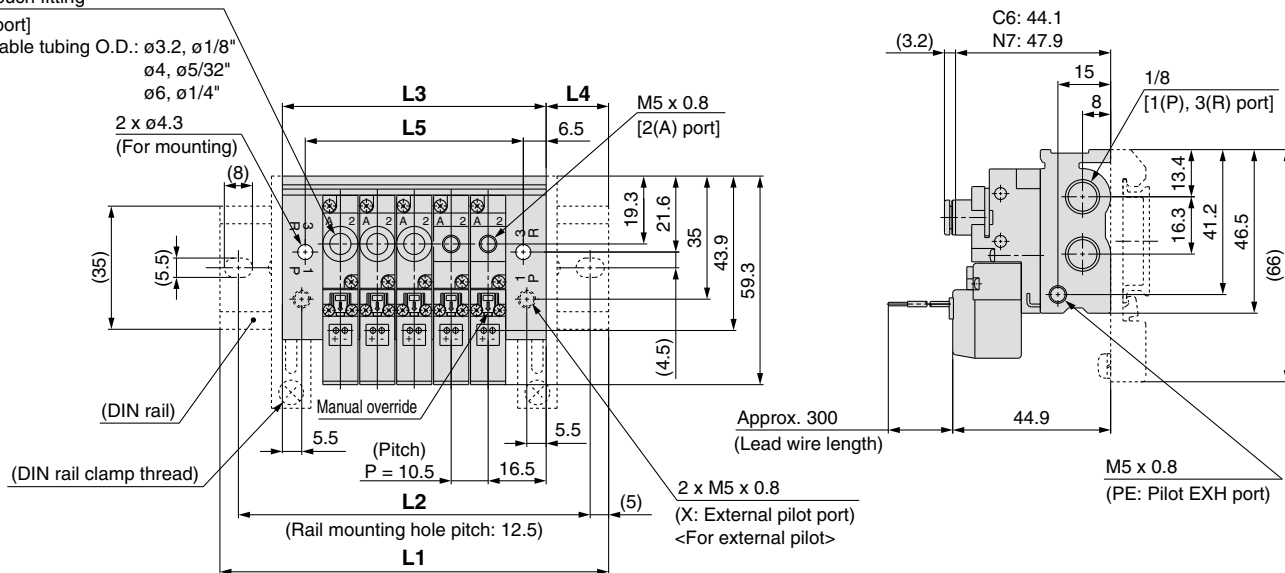
U side

D side

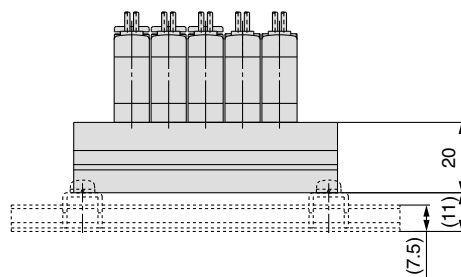
One-touch fitting

[2(A) port]

Applicable tubing O.D.: $\phi 3.2, \phi 1/8"$
 $\phi 4, \phi 5/32"$
 $\phi 6, \phi 1/4"$

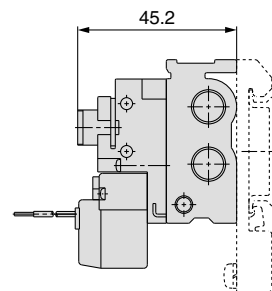


(Station n) ----- (Station 1)

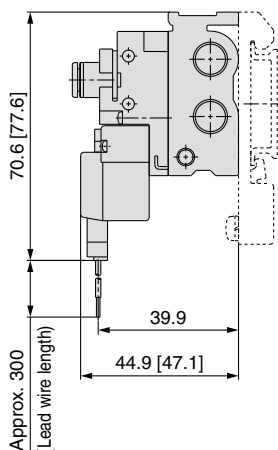


The dashed lines indicate the DIN rail mounting [-D].

M5

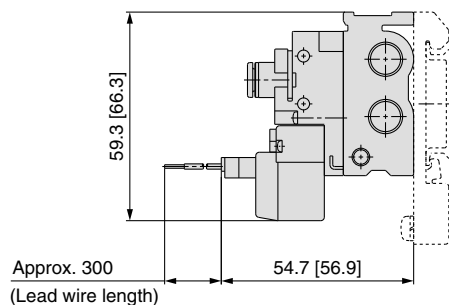


L-type plug connector (L)



Unless otherwise indicated, dimensions are the same as Grommet (G).
 []: AC

M-type plug connector (M)



Unless otherwise indicated, dimensions are the same as Grommet (G).
 []: AC

Dimensions

Formula: $L5 = 10.5n + 9.5$ $L3 = 10.5n + 22.5$ n: Stations (Max. 20 stations)

L \ n	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L1	85.5	85.5	98	110.5	123	135.5	148	148	160.5	173	185.5	198	210.5	210.5	223	235.5	248	260.5	273
L2	75	75	87.5	100	112.5	125	137.5	137.5	150	162.5	175	187.5	200	200	212.5	225	237.5	250	262.5
L3	43.5	54	64.5	75	85.5	96	106.5	117	127.5	138	148.5	159	169.5	180	190.5	201	211.5	222	232.5
L4	21	16	17	18	19	20	21	15.5	16.5	17.5	18.5	19.5	20.5	15.5	16.5	17.5	18.5	19.5	20.5
L5	30.5	41	51.5	62	72.5	83	93.5	104	114.5	125	135.5	146	156.5	167	177.5	188	198.5	209	219.5

Manifold Options

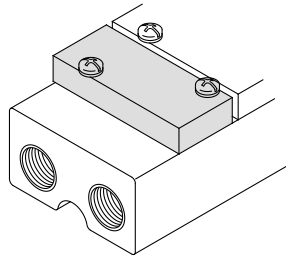
Blanking plate assembly

VVQZ100-10A-5 (for VQZ100)

VVQZ200-10A-2 (for VQZ200)

VVQZ300-10A-2 (for VQZ300)

It is used by attaching on the manifold block for being prepared for removing a valve for maintenance reasons or planning to mount a spare valve, etc.



Blanking plug

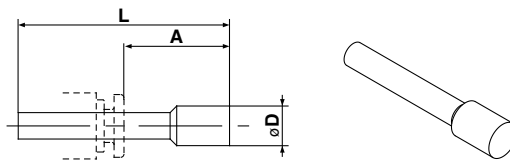
KQ2P-23

KQ2P-04

KQ2P-06

KQ2P-08

KQ2P-10



Dimensions

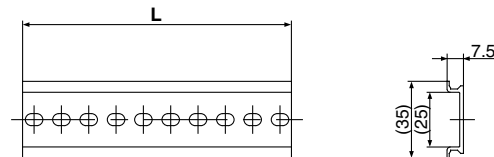
Applicable fitting size ød	Model	A	L	D
3.2	KQ2P-23	16	31.5	3.2
4	KQ2P-04	16	32	6
6	KQ2P-06	18	35	8
8	KQ2P-08	20.5	39	10
10	KQ2P-10	22	43	12

DIN rail

AXT100-DR-□

* As for □, enter the number from the DIN rail dimensions table.
For L dimension, refer to the dimensions of each kit.

Each manifold can be mounted on a DIN rail.
Insert "D" at the end of the manifold part number.
The DIN rail is approximately 30 mm longer than the length of manifold.



L Dimension

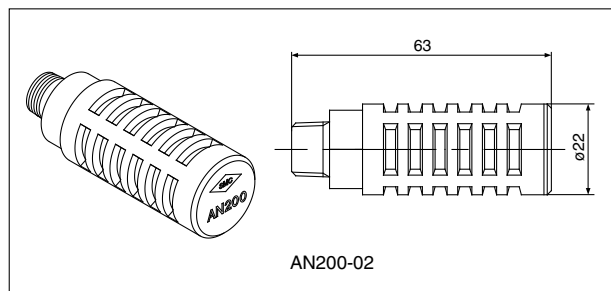
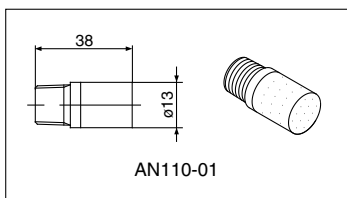
$$L = 12.5n + 10.5$$

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L dimension	23	35.5	48	60.5	73	85.5	98	110.5	123	135.5	148	160.5	173	185.5	198	210.5	223	235.5	248	260.5

No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
L dimension	273	285.5	298	310.5	323	335.5	348	360.5	373	385.5	398	410.5	423	435.5	448	460.5	473	485.5	498	510.5

Silencer (for manifold EXH port)

Silencer is installed in the manifold EXH port.



Dimensions

Model	Silencer part no.
VQZ100	AN110-01
VQZ200	AN110-01
VQZ300	AN200-02



For a silencer to be mounted in a single valve unit, refer to back page 4.