

How to Order

Threaded connection

LQ3 **H** **11** - **M** -

Fitting type

Symbol	Type
H	Connector
L	Elbow
B	Branch tee
R	Run tee

Nut material, packaging

Symbol	Nut material	Packaging
Nil	PFA	Clean packaging equivalent to Class M3.5
1	PFA	Standard packaging equivalent to Class M5.5
2	PVDF	Clean packaging equivalent to Class M3.5
3	PVDF	Standard packaging equivalent to Class M5.5

Thread type

Symbol	Type
Nil	R, Rc
N	NPT

Piping type

Symbol	Type
M	Male
F	Female

Size combination

Size	No.	Applicable tubing size (mm)	Port size
1	1	4 x 3	1/8"
1	2	3 x 2	
2	1	6 x 4	1/8"
2	2		1/4"
3	1	10 x 8	1/8"
3	2	8 x 6	
3	3	10 x 8	1/4"
3	4	8 x 6	
3	5	10 x 8	3/8"
3	6	8 x 6	
3	8	8 x 6	1/2"
4	1	12 x 10	1/4"
4	2		3/8"
4	3		1/2"
4	4		3/4"
5	1	19 x 16	3/8"
5	2		1/2"
5	3		3/4"
6	1	25 x 22	1/2"
6	2		3/4"
6	3		1"

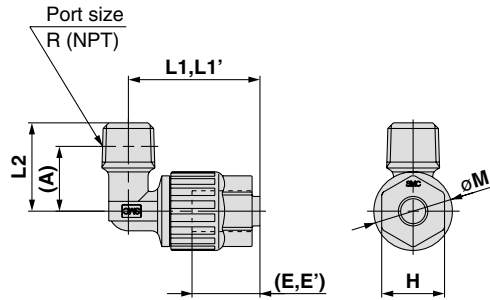
Size	No.	Applicable tubing size (mm)	Port size
1	A	1/8" x 0.086"	1/8"
2	A	1/4" x 5/32"	1/8"
2	B		1/4"
3	A	3/8" x 1/4"	1/8"
3	B		1/4"
3	C		3/8"
3	D		1/2"
4	A	1/2" x 3/8"	1/4"
4	B		3/8"
4	C		1/2"
4	D		3/4"
5	A	3/4" x 5/8"	3/8"
5	B		1/2"
5	C		3/4"
6	A	1" x 7/8"	1/2"
6	B		3/4"
6	C		1"
7*	A*	1 1/4" x 1.1"	3/4"
7*	B*		1"
7*	C*		1 1/4"

* H: Connector only

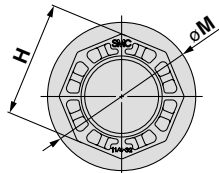
Series LQ3

Dimensions

Male elbow: LQ3L-M



(A): Reference dimension after installation
 (E, E'): Reference dimension for the inserted tubing from the end surface of the nut
 (E'), L1': Nut material PVDF dimensions



Class 7

Metric Size

Model	Applicable tubing O.D.	Connection threads R/NPT	A	E	E'	H	L1	L1'	L2	M
LQ3L11-M□	ø4	1/8"	12.5	10	9	11	26	25	16.5	14
LQ3L12-M□	ø3	1/8"	12.5	10	9	11	26	25	16.5	14
LQ3L21-M□	ø6	1/8"	18.5	17	16	16	33.5	32.5	22.5	20
LQ3L22-M□	ø6	1/4"	16.5	17	16	16	33.5	32.5	22.5	20
LQ3L31-M□	ø10	1/8"	24	22.5	19.5	21	46	43	28	25
LQ3L32-M□	ø8	1/8"	24	22.5	19.5	21	46	43	28	25
LQ3L33-M□	ø10	1/4"	22	22.5	19.5	21	46	43	28	25
LQ3L34-M□	ø8	1/4"	22	22.5	19.5	21	46	43	28	25
LQ3L35-M□	ø10	3/8"	21.5	22.5	19.5	21	46	43	28	25
LQ3L36-M□	ø8	3/8"	21.5	22.5	19.5	21	46	43	28	25
LQ3L38-M□	ø8	1/2"	24.5	22.5	19.5	21	47.5	44.5	32.5	25
LQ3L41-M□	ø12	1/4"	27	24	22	24	54.5	52.5	33	29
LQ3L42-M□	ø12	3/8"	26.5	24	22	24	54.5	52.5	33	29
LQ3L43-M□	ø12	1/2"	25	24	22	24	54.5	52.5	33	29
LQ3L51-M□	ø19	3/8"	33.5	26.5	24	32	64	61.5	40	37
LQ3L52-M□	ø19	1/2"	32	26.5	24	32	64	61.5	40	37
LQ3L53-M□	ø19	3/4"	30.5	26.5	24	32	64	61.5	40	37
LQ3L61-M□	ø25	1/2"	38	30	26	41	77	73	46	49
LQ3L62-M□	ø25	3/4"	36.5	30	26	41	77	73	46	49
LQ3L63-M□	ø25	1"	35.5	30	26	41	77	73	46	49

Inch Size

Model	Applicable tubing O.D.	Connection threads R/NPT	A	E	E'	H	L1	L1'	L2	M
LQ3L1A-M□	1/8"	1/8"	12.5	10	9	11	26	25	16.5	14
LQ3L2A-M□	1/4"	1/8"	18.5	17	16	16	33.5	32.5	22.5	20
LQ3L2B-M□	1/4"	1/4"	16.5	17	16	16	33.5	32.5	22.5	20
LQ3L3A-M□	3/8"	1/8"	24	22.5	19.5	21	46	43	28	25
LQ3L3B-M□	3/8"	1/4"	22	22.5	19.5	21	46	43	28	25
LQ3L3C-M□	3/8"	3/8"	21.5	22.5	19.5	21	46	43	28	25
LQ3L3D-M□	3/8"	1/2"	24.5	22.5	19.5	21	47.5	44.5	32.5	25
LQ3L4A-M□	1/2"	1/4"	27	24.5	22.5	24	54.5	52.5	33	29
LQ3L4B-M□	1/2"	3/8"	26.5	24.5	22.5	24	54.5	52.5	33	29
LQ3L4C-M□	1/2"	1/2"	25	24.5	22.5	24	54.5	52.5	33	29
LQ3L5A-M□	3/4"	3/8"	33.5	26.5	24	32	64	61.5	40	37
LQ3L5B-M□	3/4"	1/2"	32	26.5	24	32	64	61.5	40	37
LQ3L5C-M□	3/4"	3/4"	30.5	26.5	24	32	64	61.5	40	37
LQ3L6A-M□	1"	1/2"	38	30	26	41	77	73	46	49
LQ3L6B-M□	1"	3/4"	36.5	30	26	41	77	73	46	49
LQ3L6C-M□	1"	1"	35.5	30	26	41	77	73	46	49