

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

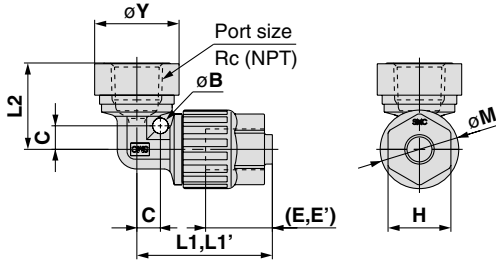
Size	No.	Applicable tubing size (mm)	Port size
1	1	4 x 3	1/8"
1	2	3 x 2	
2	1	6 x 4	1/8"
2	2		1/4"
3	1	10 x 8	1/8"
3	2	8 x 6	
3	3	10 x 8	1/4"
3	4	8 x 6	
3	5	10 x 8	3/8"
3	6	8 x 6	
3	8	8 x 6	1/2"
4	1	12 x 10	1/4"
4	2		3/8"
4	3		1/2"
4	4		3/4"
5	1	19 x 16	3/8"
5	2		1/2"
5	3		3/4"
6	1	25 x 22	1/2"
6	2		3/4"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

Dimensions

Female elbow: LQ3L-F



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

Metric Size

Model	Applicable tubing O.D.	Connection threads Rc/NPT	B	C	E	E'	H	L1	L1'	L2	M	Y
LQ3L11-F□	ø4	1/8"	3.5	4.8	10	9	11	28.5	27.5	19.5	14	18.5
LQ3L12-F□	ø3	1/8"	3.5	4.8	10	9	11	28.5	27.5	19.5	14	18.5
LQ3L21-F□	ø6	1/8"	4	6	17	16	16	34.5	33.5	20	20	18.5
LQ3L22-F□	ø6	1/4"	4	6	17	16	16	34.5	33.5	22	20	21.5
LQ3L31-F□	ø10	1/8"	5	9	22.5	19.5	21	47.5	44.5	23	25	18.5
LQ3L32-F□	ø8	1/8"	5	9	22.5	19.5	21	47.5	44.5	23	25	18.5
LQ3L33-F□	ø10	1/4"	5	9	22.5	19.5	21	47.5	44.5	24	25	21.5
LQ3L34-F□	ø8	1/4"	5	9	22.5	19.5	21	47.5	44.5	24	25	21.5
LQ3L35-F□	ø10	3/8"	5	9	22.5	19.5	21	47.5	44.5	25.5	25	25
LQ3L36-F□	ø8	3/8"	5	9	22.5	19.5	21	47.5	44.5	25.5	25	25
LQ3L41-F□	ø12	1/4"	6	10	24	22	24	52.5	50.5	23.5	29	21.5
LQ3L42-F□	ø12	3/8"	6	10	24	22	24	52.5	50.5	26	29	25
LQ3L43-F□	ø12	1/2"	6	10	24	22	24	52.5	50.5	30	29	29.5
LQ3L51-F□	ø19	3/8"	7	14	26.5	24	32	64	61.5	30.5	37	25
LQ3L52-F□	ø19	1/2"	7	14	26.5	24	32	64	61.5	35.5	37	29.5
LQ3L53-F□	ø19	3/4"	7	14	26.5	24	32	64	61.5	37	37	36
LQ3L61-F□	ø25	1/2"	8	18	30	26	41	78	74	41	49	29.5
LQ3L62-F□	ø25	3/4"	8	18	30	26	41	78	74	42.5	49	36
LQ3L63-F□	ø25	1"	8	18	30	26	41	78	74	46	49	44.5

K□
M□
H□
KK
D□
MS
LQ
MQR
T□

Inch Size

Model	Applicable tubing O.D.	Connection threads Rc/NPT	B	C	E	E'	H	L1	L1'	L2	M	Y
LQ3L1A-F□	1/8"	1/8"	3.5	4.8	10	9	11	28.5	27.5	19.5	14	18.5
LQ3L2A-F□	1/4"	1/8"	4	6	17	16	16	34.5	33.5	20	20	18.5
LQ3L2B-F□	1/4"	1/4"	4	6	17	16	16	34.5	33.5	22	20	21.5
LQ3L3A-F□	3/8"	1/8"	5	9	22.5	19.5	21	47.5	44.5	23	25	18.5
LQ3L3B-F□	3/8"	1/4"	5	9	22.5	19.5	21	47.5	44.5	24	25	21.5
LQ3L3C-F□	3/8"	3/8"	5	9	22.5	19.5	21	47.5	44.5	25.5	25	25
LQ3L4A-F□	1/2"	1/4"	6	10	24	22	24	52.5	50.5	23.5	29	21.5
LQ3L4B-F□	1/2"	3/8"	6	10	24	22	24	52.5	50.5	26	29	25
LQ3L4C-F□	1/2"	1/2"	6	10	24	22	24	52.5	50.5	30	29	29.5
LQ3L5A-F□	3/4"	3/8"	7	14	26.5	24	32	64	61.5	30.5	37	25
LQ3L5B-F□	3/4"	1/2"	7	14	26.5	24	32	64	61.5	35.5	37	29.5
LQ3L5C-F□	3/4"	3/4"	7	14	26.5	24	32	64	61.5	37	37	36
LQ3L6A-F□	1"	1/2"	8	18	30	26	41	78	74	41	49	29.5
LQ3L6B-F□	1"	3/4"	8	18	30	26	41	78	74	42.5	49	36
LQ3L6C-F□	1"	1"	8	18	30	26	41	78	74	46	49	44.5