

L7-Series

Port 1/4

Flow capacity 985 Nl/min, C_v 1.0



Order Code:

L78	EM4	0	G	G	S	0	00	61
Valve actuation			Port type		Power supply		Valve function conversion	
L70 air pilot actuated			G G-thread		0 air pilot actuated		0 standard	
L74 low-wattage (4W), DC, pilot pressure max. 10 bar			N NPTF-thread		S for female plug type A		H as 2 port. 2 pos. valve, normally open	
L78 DC or AC standard							I as 2 port. 2 pos. valve, normally closed	
							J as 3 port. 2 pos. valve, normally open	
							K as 3 port. 2 pos. valve, normally closed	
Valve function			Manual override		Options*		Voltage type	
EM4			O w/o manual override EL-/DL-valves		00 w/o options		61 24 VDC	
DM4			G flush locking man. override EM-/DM-valves		04 spring for pilot pressure 1 bar		40 230 V, 50-60 Hz	
DM5					06 version with Viton®-O-rings		30 110 V, 50-60 Hz	
DM6					* more options on request		20 24 V, 50-60 Hz	
DM7							00 air pilot actuated	
EL4								
DL4								
DL5								
DL6								
DL7								

Technical Data and Response Time [ms]

	solenoid pilot actuated			
Operating pressure	Vacuum to 21 bar			
Pilot pressure range	2 to 16 bar			
Power input	DC 8.5 W		AC 19/12 VA	
single actuated (5-ported, 2 pos.)	On 13	Off 22	On 13	Off 22
dual actuated (5-ported, 2 pos.)	On 12	Off 12	On 12	Off 12
dual actuated (5-ported, 3 pos.)	On 19	Off 23	On 19	Off 23

Note: For external pilot supply see page 28

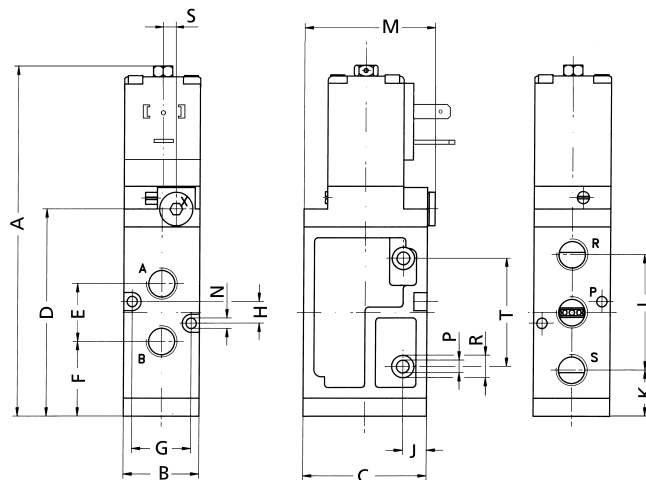


L7-Series **Port 1/4** **Flow capacity 985 Nl/min, C_v 1.0**

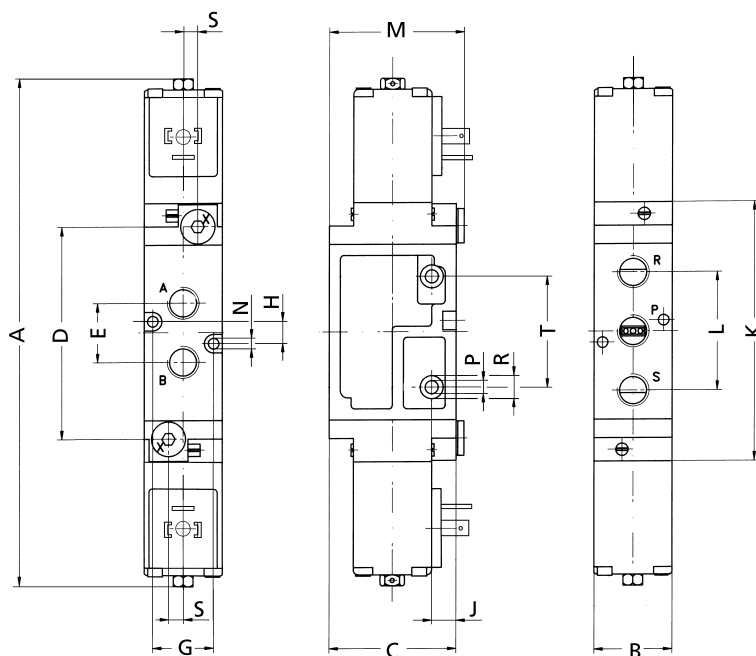
L-Series

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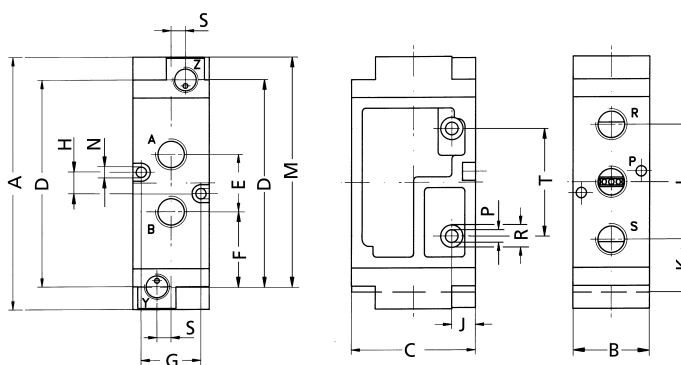
**Line-mounted valves,
single solenoid pilot
actuated**



**Line-mounted valves,
dual solenoid pilot
actuated**



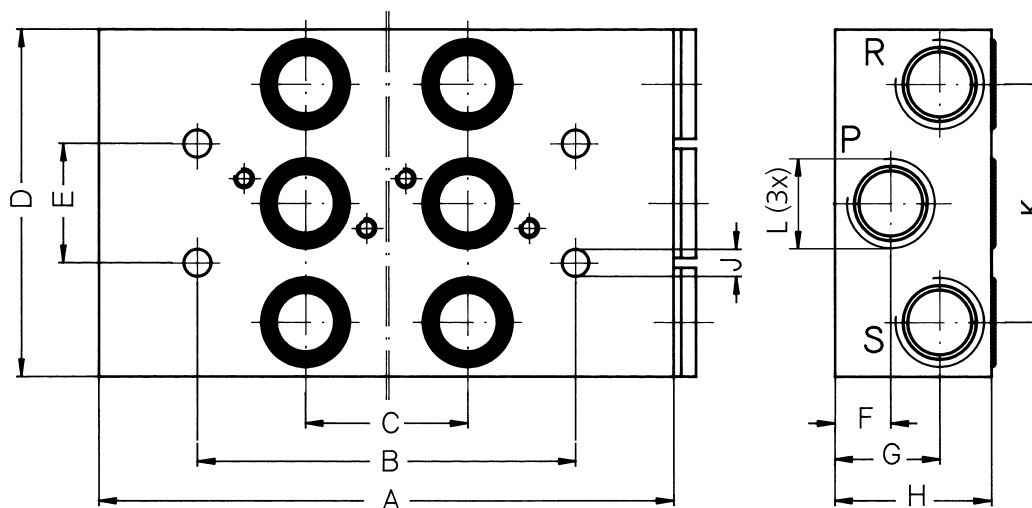
**Line-mounted valves,
single or dual air pilot
actuated**



Dimensions [mm]

Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	Weight approx. [kg]
L7.EM4...	145.0	32.0	52.0	86.3	24.0	31.2	25.0	9.0	10.0	19.2	48.0	54.5	4.3	5.3	9.3	6.0	45.0	0.50
L7.DM4/5/6/7..	203.0	32.0	52.0	86.3	24.0	—	25.0	9.0	10.0	101.3	48.0	54.5	4.3	5.3	9.3	6.0	45.0	0.78
L70EL4...	—	32.0	52.0	86.3	24.0	31.2	25.0	9.0	10.0	19.2	48.0	95.8	4.3	5.3	9.3	6.0	45.0	0.36
L70DL4/5/6/7..	101.3	32.0	52.0	86.3	24.0	—	25.0	9.0	10.0	—	48.0	—	4.3	5.3	9.3	6.0	45.0	0.40

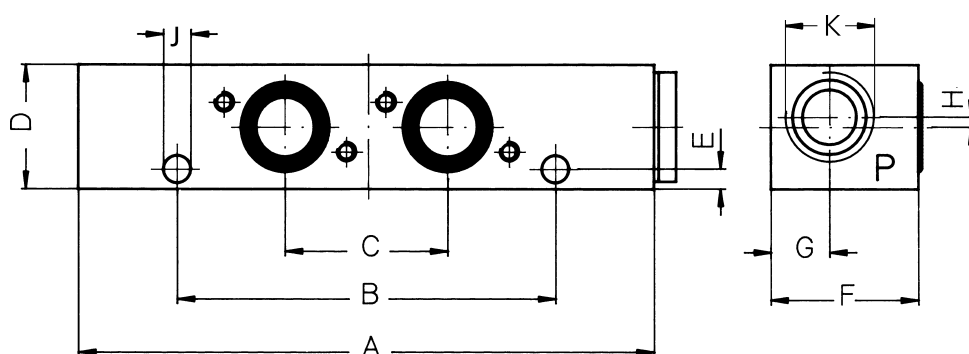
Pilot port or external pilot supply 1/8

Manifolds for front mounting**Dimensions [mm]**

Stations	A	B	C	D	E	F	G	H	J	K	L	Weight approx. [kg]	Order Code
2	112.0	77.0	33.0	70.0	24.0	11.5	21.5	32.0	5.5	48.0	G 3/8	0.48	L7612A
3	145.0	110.0										0.58	L7613A
4	178.0	143.0										0.70	L7614A
5	211.0	176.0										0.81	L7615A
6	244.0	209.0										0.93	L7616A
7	277.0	242.0										1.04	L7617A
8	310.0	275.0										1.16	L7618A

incl. bolts and gaskets

For NPTF thread consult the factory.

Manifolds, P Version**Dimensions [mm]**

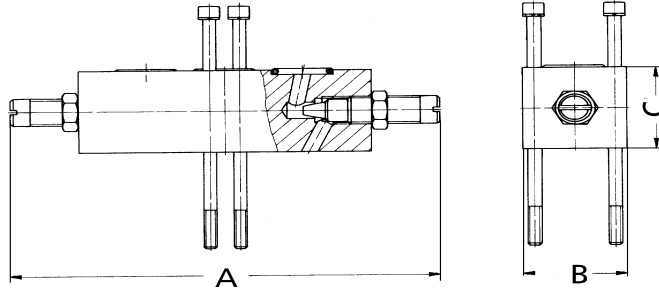
Stations	A	B	C	D	E	F	G	H	J	K	Weight approx. [kg]	Order Code
2	112.0	77.0	33.0	70.0	24.0	11.5	21.5	32.0	5.5	G 3/8	0.20	L7612P
3	145.0	110.0									0.25	L7613P
4	178.0	143.0									0.30	L7614P
5	211.0	176.0									0.36	L7615P
6	244.0	209.0									0.41	L7616P
7	277.0	242.0									0.47	L7617P
8	310.0	275.0									0.52	L7618P

incl. bolts and gaskets

For NPTF thread consult the factory.

Manifolds and accessories for L8-Series on request

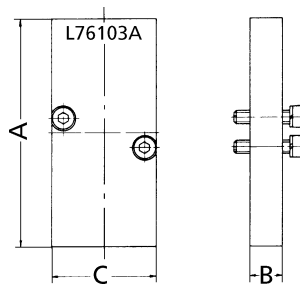
Sandwich speed controls



Dimensions [mm]

A		B	C	Weight approx. [kg]	Order Code
min.	max.				
126.0	36.0	32.0	30.0	0.26	L76104
incl. bolts and gaskets					

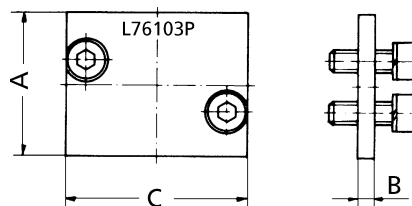
Blank stations for manifolds for front mounting



Dimensions [mm]

A	B	C	Weight approx. [kg]	Order Code
70.0	10.0	32.0	0.10	L76103A
incl. bolts and gaskets				

Blank stations for manifolds for P version



Dimensions [mm]

A	B	C	Weight approx. [kg]	Order Code
25.0	3.0	32.0	0.01	L76103P
incl. bolts and gaskets				