

IN-LINE SOLENOID VALVE Series SOV L

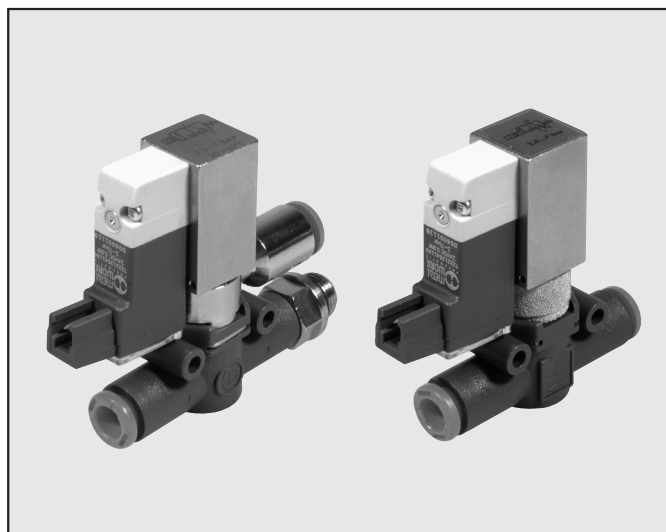
SOV L solenoid valves belong to the LINE ON LINE® family, which means they can be connected to all the other components in series or in parallel.

Available in the version for pipe-pipe connection with two push-in fittings, and in the version for thread-pipe connection with a brass nickel-plated male thread and a push-in fitting. Though small in size, SOV L valves are solenoid-piloted and feature very high performance.

The spool distributor is fitted with special polyurethane gaskets to ensure a very long working life.

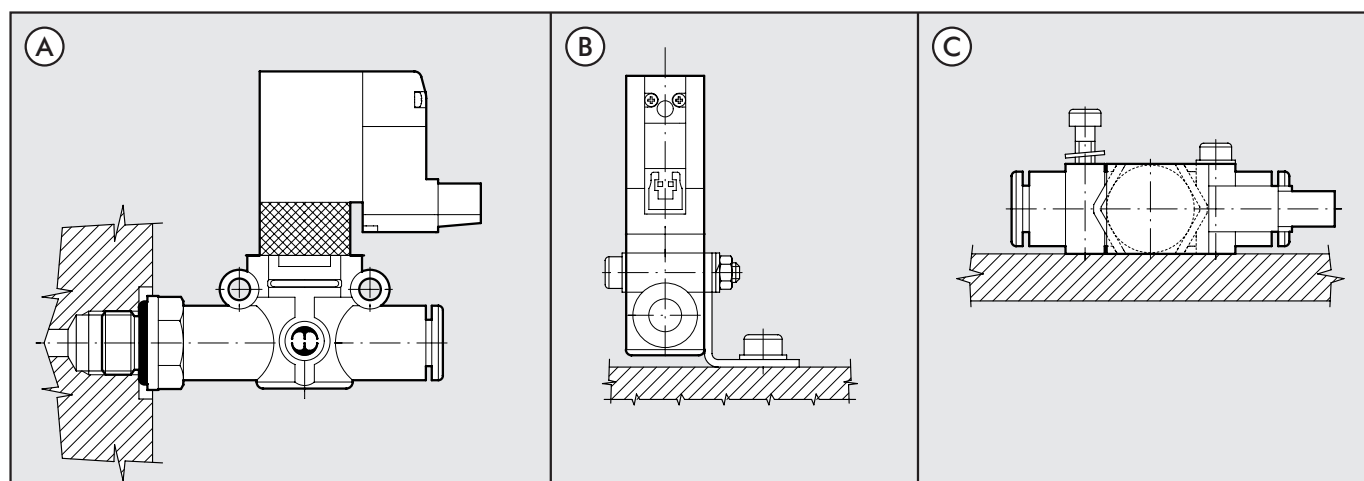
Each valve comes complete with a monostable manual control and LED.

Exhaust can be damped with an annular silencer or conveyed via a pipe fitting. The fitting for conveyed exhaust can be oriented freely.



TECHNICAL DATA		Ø 6	Ø 8
Operating pressure	MPa	0.25 to 0.7	
	bar	2.5 to 7	
	psi	36 to 101	
Temperature range	°C	-10 to +60	
	°F	+14 to +140	
Flow rate at 6.3 bar ΔP 0.5 bar	NI/min	270	500
Flow rate at 6.3 bar ΔP 1 bar	NI/min	380	700
Conductance C	NI/min*bar	95.8	178.1
Coefficient b	bar/bar	0.145	0.129
Voltage	VDC	24	
Power	W	0.9	
Recommended pipe		Rilsan PA 11 – Nylon 6 – Polyamide 12 – Polypropylene	
Fluid		lubricated or unlubricated filtered compressed air	

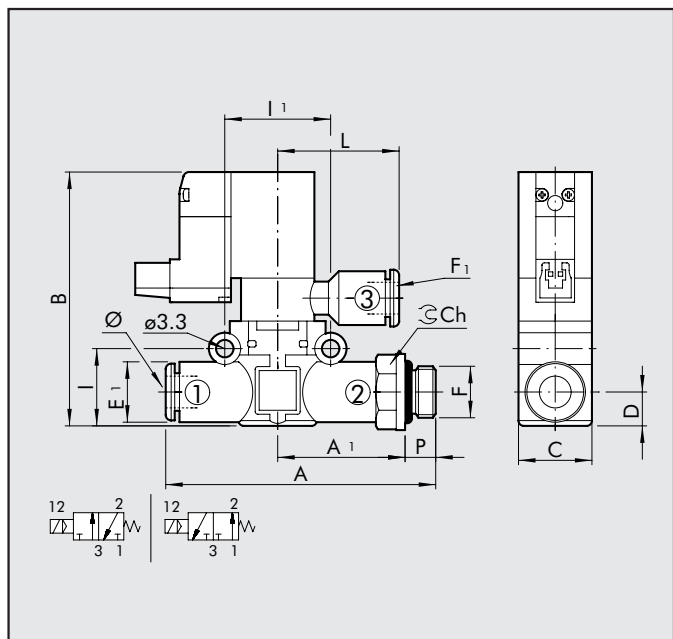
ASSEMBLY OPTIONS



How to mount the SOV L:

- Fig. A: With the male threaded port it is possible to mount the SOV L straight onto the actuator.
- Fig. B: Fixing to the plate with the special SQU L bracket.
- Fig. C: There are two robust rings on the plastic body for fixing the SOV L straight onto the wall.

SOV L 3/2 NC-NO PIPE-THREAD CONVEYED EXHAUST

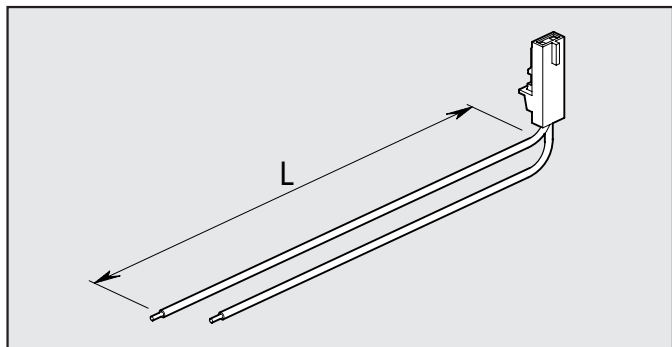


Code	Ref.	Ø	F	P	A	A1	B	C	D
9069608	SOV L 3/2 NC 6-1/8-6	6	1/8	6	58.5	27.8	57.5	14.7	6.4
9069708	SOV L 3/2 NO 6-1/8-6								
9069609	SOV L 3/2 NC 6-1/4-6	6	1/4	8	61.5	28.8	57.5	14.7	6.4
9069709	SOV L 3/2 NO 6-1/4-6								
9069610	SOV L 3/2 NC 8-1/8-8	8	1/8	6	66.2	31.8	63.5	18.7	9.1
9069710	SOV L 3/2 NO 8-1/8-8								
9069611	SOV L 3/2 NC 8-1/4-8	8	1/4	8	70.6	34.2	63.5	18.7	9.1
9069711	SOV L 3/2 NO 8-1/4-8								
9069612	SOV L 3/2 NC 8-3/8-8	8	3/8	9	72.2	34.8	63.5	18.7	9.1
9069712	SOV L 3/2 NO 8-3/8-8								

Code	Ref.	E	E1	F1	I	I1	L	Ch1
9069608	SOV L 3/2 NC 6-1/8-6	14	11.4	Ø6	14.6	20	27	12
9069708	SOV L 3/2 NO 6-1/8-6							
9069609	SOV L 3/2 NC 6-1/4-6	18	11.4	Ø6	14.6	20	27	14
9069709	SOV L 3/2 NO 6-1/4-6							
9069610	SOV L 3/2 NC 8-1/8-8	15	13.8	Ø8	18.7	24	30	14
9069710	SOV L 3/2 NO 8-1/8-8							
9069611	SOV L 3/2 NC 8-1/4-8	18	13.8	Ø8	18.7	24	30	14
9069711	SOV L 3/2 NO 8-1/4-8							
9069612	SOV L 3/2 NC 8-3/8-8	22	13.8	Ø8	18.7	24	30	17
9069712	SOV L 3/2 NO 8-3/8-8							

ACCESSORIES

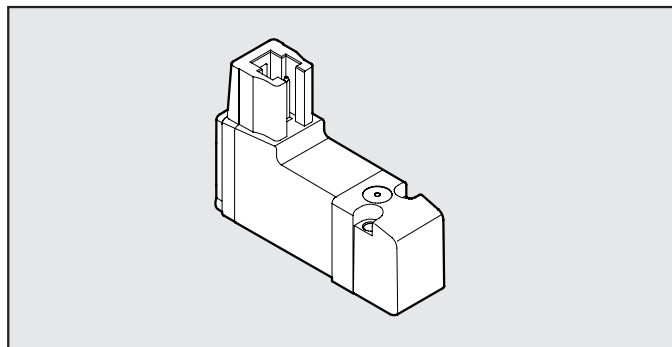
PLUG-IN CONNECTOR



Code	Description
W0970512000	PLUG-IN CONNECTOR MACH 11 L=300

SPARES

PLUG-IN PILOT



Code	Description
722213541100	PLT-10 722213541100

NOTES