

GENERAL DESCRIPTION / APPLICATIONS



Two way internal pilot solenoid valve.
Driven diaphragm or driven piston type.

Suitable for gaseous and liquid media compatible with the (body/seals) material used.

Adjustable closing time speed regulator to reduce water hammering available on 1", 1 1/4", 1 1/2" and 2" bodies.

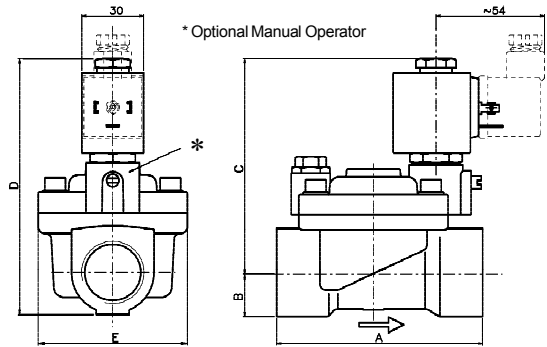
Diaphragm seal type (L65/L66) for general purpose or piston type (L67/L68) used in heavy duty operation; high frequency duty cycle. PTFE piston is

suitable for media not compatible with the standard elastomers.

Forged brass, nickel-plated brass or stainless steel body (1/2" & 3/4").

Stainless steel internal parts. Stainless steel springs. 360° degrees orientable solenoid. Mountable in any position.

DIMENSIONS (in mm)



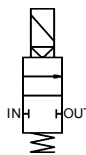
PORT SIZE	DIMENSIONS IN millimeters (mm)				
	A	B	C	D	E
3/8"	64	14	87	101	45
1/2"	64	14	87	101	45
3/4"	82	17	96	113	55
1"	100	20	103	123	70
1 1/4"	134	28	110	138	98
1 1/2"	134	28	110	138	98
2"	152	35	121	156	120

ELECTRICAL SPECIFICATIONS

Continuous duty glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650A plug (2 poles+ground) or "faston" wire terminal.

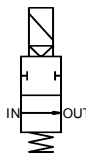
Coil type :	B2
Insulation class:	F (155°C) - H (180°C) upon request.
Winding wire class:	H (180°C)
Protection class:	Waterproof IP-65 (EN60529 standards) when properly plug connected with DIN-43650A plug.
Duty:	Continuous (S.I.) 100% ED
Power consumption ₍₁₎ :	Alternate Current 10VA (inrush 20VA) Direct Current 8W
Voltage tolerance:	± 10%
Electrical Insulation:	>1000 Mohm
Dielectrical Strength:	>2000 V/1'
Standard voltages:	12 - 24 - 48 - 110 - 220 Vac~ 50/60Hz 12 - 24 - 48 - 110 - 220 Vdc= other voltages available upon request.

OPERATION



L65 / L67 - Normally closed

In:	IN
Out:	OUT
Coil de-energized:	IN and OUT closed.
Coil energized:	from IN to OUT.



L66 / L68 - Normally open

In:	IN
Out:	OUT
Coil de-energized:	from IN to OUT.
Coil energized:	IN and OUT closed.

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL (Diaphragm seal) <i>Replace with L66 for N.O. model</i>		ORIFICE DIAMETER mm	PRESSURES IN BAR ₍₂₎								Flow factor kv (liters/min.')	WEIGHT Kg.	
			BODY RATING	MIN./MAX. OPERATING DIFFERENTIAL PRESSURE									
				MIN.	MAX. NORM. CLOSED AC~ DC=		MAX. NORM. OPEN AC~ DC=						
↓	a	b	c	d	e								
L 6 5	1 2	E _T	P		12,7	25	0,2	16	16	10	10	35	0,55
L 6 5	1 2	F _G	P		12,7	25	0,2	16	16	10	10	40	0,55
L 6 5	1 8	H _I	P		18	25	0,2	14	14	10	10	87	0,85
L 6 5	2 5	L _M	P		25	25	0,2	12	12	10	10	170	1,35
L 6 5	3 6	N	P		36	20	0,3	10	10	10	10	300	2,85
L 6 5	3 6	O _V	P		36	20	0,3	10	10	10	10	340	2,65
L 6 5	5 0	P _W	P		50	20	0,3	10	10	10	10	600	4,45
(Piston seal)													
<i>Replace with L68 for N.O. model</i>													
↓		E _T	P		12,7	25	0,2	16	16	10	10	35	0,55
L 6 7	1 2	F _G	P		12,7	25	0,2	16	16	10	10	40	0,55
L 6 7	1 8	H _I	P		18	25	0,2	14	14	10	10	87	0,85
L 6 7	2 5	L _M	P		25	25	0,2	12	12	10	10	170	1,35

suffix (options available upon request): ⁽¹⁾ "LC" (low consumption), ⁽²⁾ "AP" (High pressure version)

a	Body material	b	Port size	c	Seals material	d	Protection class	e	Optional features		
T	Brass.	E	3/8" GAS	T	3/8" NPT	0	Buna N	P	IP 65	X	Stable manual operator.
N	Nickel-plated brass.	F	1/2" GAS	G	1/2" NPT	1	FPM				
I	Stainless steel *	H	3/4" GAS	I	3/4" NPT	3	RULON *				
		L	1" GAS	M	1" NPT	6	EPDM				
		N	1 1/4 GAS								
		O	1 1/2 GAS	V	1 1/2 NPT						
		P	2" GAS	W	2" NPT						
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Le caratteristiche possono subire variazioni senza preavviso / Characteristics may change without notice.