TWO WAY SOLENOID VALVE
LIFT-ASSISTED PISTON
(direct + servoassisted)

SHORT CODE **L39 .IP**

REV. 0-2012

DESCRIPTION / DIMENSION

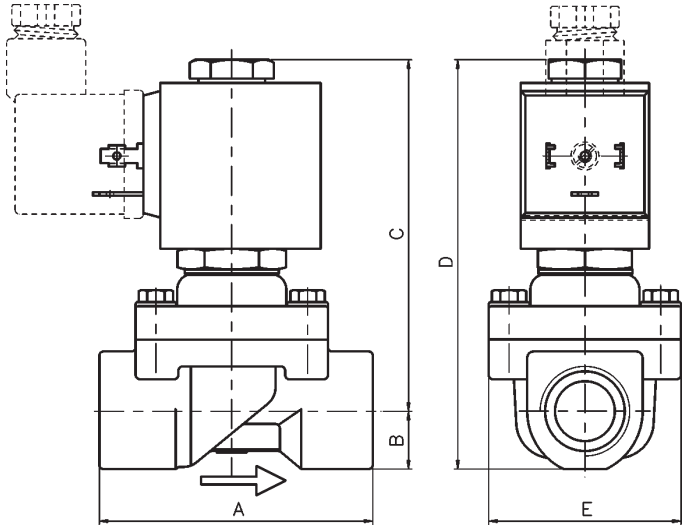
Two way left-assisted direct acting solenoid valve with spring return.

Suitable for gaseous and liquidmedia compatible with the (body/seals) material used, vacuum.

Stainless steel internal parts.

Stainless steel springs.

360° degrees orientable solenoid.



ELECTRICAL CHARACTERISTICS

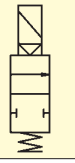
Countinuous duty glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650A plug (2 poles+ground) or “faston” wire terminal

Coil type:	B7
Insulation class:	F (155°C) - H (180°C) upon request.
Winding wire class:	H (180°C)
Service:	Continuous (S.I.) 100%ED
Power consumption	D.C.= / A.C.~ 15-22W The operation in A.C. supply occurs through connector with integrated rectifier.
Voltage tolerance	std. ±10% (others available upon request)
Standard voltages *	12, 24, 48, 110, 125, 220, 240
Electrical Insulation	>1000 MOhm
Dielectrical strenght	>2000V/1’

* standard value in D.C. and/or A.C. 50/60Hz - other voltages available upon request.

Port size	DIMENSIONs (millimeters)				
	A	B	C	D	E
3/8”	64	14	119	133	45
1/2”	64	14	119	133	45
3/4”	82	17	128	145	55
1”	100	20	91	111	70

L39



Normally Closed	
IN	In
OUT	Out
Funzionamento	
Coil De-energized	IN e OUT chiusi
Coil Energized	flow from IN to OUT

Mount with coil facing upward in vertical position.

Technical Characteristics

MODEL								SUFFIX	ORIFICE DIAMETER (millimeter)	Nominal Pressure (bar)	Differential working pressure (bar) Δp			Flow factor (kv l./min.)	Weight Kg
	a		b	c	d	e					Min.	Normally closed			
												Max. AC	Max. DC		
L 3 9		1 2	E T			P			12	25	0	6	6	35	0,7
L 3 9		1 2	F G			P			12	25	0	6	6	40	0,7
L 3 9		1 8	H I			P			18	25	0	6	4	87	0,9
L 3 9		2 5	L M			P			25	25	0	4	3	140	1,3

Use the following table to check or to compose the code.

a Body material

- [T] Brass
- [N] Nickel plated brass
- [I] ** Stainless Steel

** Available only for 1/2” and 3/4”

b Port size

[E]	3/8” GAS	[T]	3/8” NPT
[F]	1/2” GAS	[G]	1/2” NPT
[H]	3/4” GAS	[I]	3/4” NPT
[L]	1” GAS	[M]	1” NPT
[ ]		[ ]	
[ ]		[ ]	
[ ]		[ ]	

c Seals material

- [0] Buna N
- [1] FPM
- [3] PTFE
- [6] EPDM
- [7] HNBR (-45°C)

d Protection class

- [P] IP65 *

* When connected through plug.

e Available options

- [ ]

SUFFIX (optional requirements)

[/SG]	Degreasing (Oxygen duty)	[ ]	
[/V]	Varistor	[ ]	
[ ]		[ ]	

Design and specifications are subject to change without notice, for updated information, please visit: http: www.nadi.it

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