



TWO WAY INTERNAL PILOT SOLENOID VALVES

CODICE ABBREVIATO SHORT CODE

L60.IP / L61.IP
L62.IP / L63.IP

GENERAL DESCRIPTION / APPLICATIONS



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

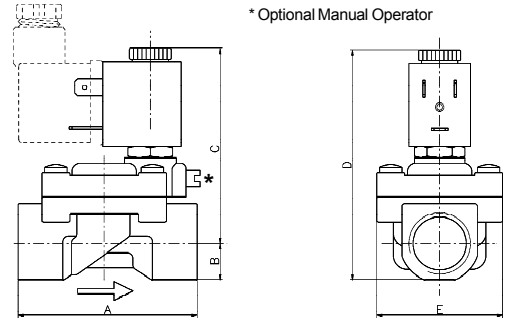
Suitable for gaseous and liquid media compatible with the (body/seals) material used.

Diaphragm seal type (L60/L61) for general purpose or piston type (L62/L63) used in heavy duty operation; high frequency duty cycle. Rulon piston is suitable for media not compatible with the standard elastomers.

Forged brass, nickel-plated brass or stainless steel body.

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

DIMENSIONS (in mm)



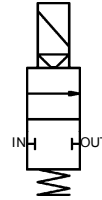
PORT SIZE	DIMENSIONS IN millimeters (mm)				
	A	B	C	D	E
3/8"	64	14	70	84	45
1/2"	64	14	70	84	45
3/4"	82	17	77	94	55
1"	100	20	91	111	70

ELECTRICAL SPECIFICATIONS

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

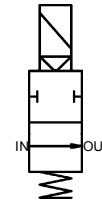
Coil type :	B1
Insulation class:	F (155°C) - H (180°C) upon request.
Winding wire class:	H (180°C)
Protection class:	Waterproof IP-65 (EN60529 standards) when properly plug connected with DIN-43650B plug.
Duty:	Continuous (S.I.) 100% ED
Power consumption:	Alternate Current 10VA (inrush 12VA) Direct Current 8W
Voltage tolerance:	± 10%
Electrical Insulation:	>500 MOhm
Dielectrical Strength:	>1500 V/1'
Standard voltages:	12 - 24 - 48 - 110 - 220 Vac~ 50/60Hz 12 - 24 - 48 - 110 Vdc= other voltages available upon request.

OPERATION



L60 / L62 - Normally closed

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



L61 / L63 - Normally open

In: **N**
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 L61 for N.O. model</i>	ORIFICE DIAMETER mm	PRESSURES IN BAR								Flow factor kv (liters/min.')	WEIGHT Kg.
		BODY RATING	MIN./MAX. OPERATING DIFFERENTIAL PRESSURE								
			MIN.	MAX. NORM. CLOSED		MAX. NORM. OPEN					
L 6 0	12,7	25	0,2	12	10	10	10	5	35	0,5	
L 6 0	12,7	25	0,2	12	10	10	10	5	40	0,5	
L 6 0	18	25	0,2	10	10	10	10	5	87	0,7	
L 6 0	25	25	0,2	10	10	10	10	5	170	1,3	
(Piston seal) <i>Replace with L63 for N.O. model</i>											
L 6 2	12,7	25	0,2	12	10	10	10	5	35	0,5	
L 6 2	12,7	25	0,2	12	10	10	10	5	40	0,5	
L 6 2	18	25	0,2	10	10	10	10	5	87	0,7	
L 6 2	25	25	0,2	10	10	10	10	5	170	1,3	

a	b	c	d	e
Body material T Ottone. N Ottone nichelato.	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	Seals 0 Buna N 1 FPM 3 PTFE * 6 EPDM <i>* Available for piston type models only.</i>	Protection class P IP 65 <i>when properly plug connected with DIN-43650B plug.</i>	Optional features X Stable manual operator. <i>Option available only for NC models.</i>

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Le caratteristiche possono subire variazioni senza preavviso / Characteristics may change without notice.