

DESCRIPTION



Two way normally closed servoassisted diaphragm solenoid valve.

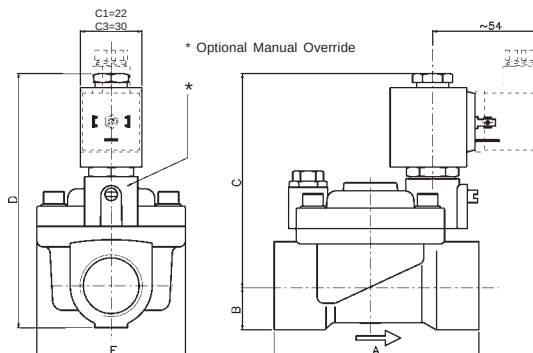
Suitable for gaseous and liquid media compatible with the (body/seals) material used.

Adjustable valve closing regulator to reduce water hammer available for size 1"¼, 1"½ and 2".

Forged brass body and cover. Stainless steel guide tube, springs and internal parts.

Solenoid can be rotated 360°. Valve will operate in any position, preferably with vertical coil upwards.

DIMENSIONS mm



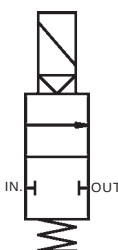
PORT SIZE	DIMENSIONS IN millimeters (mm)				
	A	B	C	D	E
3/8"	64	14	87	101	45
1/2"	64	14	87	101	45
3/4"	82	17	96	113	55
1"	100	20	103	123	70
1"¼	134	28	110	138	98
1"½	134	28	110	138	98
2"	152	35	121	156	120

ELETTRICAL INFORMATION

Continuous duty glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650 plug (2 poles+ground) or faston wire terminal. Two cables available on request.

Coil type:	C1 / C3
Insulation class:	F (155°C), H (180°C) on request.
Winding wire class:	H (180°C)
Protection class:	Waterproof IP-65 (norme EN60529) when properly plug connetted when DIN-43650 plug.
Duty:	Continuous (S.I.) 100% ED
Power consumption:	C1 Alternate Current 8VA (inrush 12VA) Direct Current 5,5W C3 Alternate Current 13VA (inrush 20VA) Direct Current 8W
Voltage tolerance:	a.c. +10% ÷ -15%, d.c. +10% ÷ -5%
Elettrical Insulation:	>500 MOhm
Dielectrical Strenght:	>2000 V/1'
Standard voltage:	d.c. 12, 24 Volt a.c. 24, 110, 230 Volt (50/60 Hz) other voltages available on request.

OPERATION



Normally close

In :
Out :
Coil de-energised : IN and OUT close.
Coil energised : IN to OUT

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL						ORIFICE mm	PRESSURES IN BAR							Flow factor kv (l/min.)	WEIGHT Kg.		
							BODY RATING	MIN./MAX. DIFFERENTIAL PRESSURE			Coil TYPE	POWER					
a	b	c	d	e	f	MIN.		MAX. NORM. CLOSED		VA inrush		W					
							AC~	DC=	AC~ hold		DC=						
	L	03	D	13			12,7	25	0,15	18	16	C1	12	8	5,5	35	0,49
	L	03	E	13			12,7	25	0,15	18	16	C1	12	8	5,5	40	0,47
	L	03	F	19			19	25	0,15	16	13	C1	12	8	5,5	90	0,74
	L	03	G	25			25	25	0,15	12	10	C1	12	8	5,5	176	1,20
	L	03	H	37			37	20	0,15	10	10	C3	20	13	8	300	3,05
	L	03	I	37			37	20	0,15	10	10	C3	20	13	8	350	2,70
	L	03	L	50			50	20	0,15	10	10	C3	20	13	8	600	4,61

a	b	c	d	e	f
Construction	Valve type	Port size	Seals material	Body material	Optional feature
A AC C DC B Latching pilots * <i>* available only from 3/8" to 1" valves.</i>	L 2 way N.C.	D 3/8" GAS N 3/8" NPT E 1/2" GAS O 1/2" NPT F 3/4" GAS Q 3/4" NPT G 1" GAS R 1" NPT H 1"¼ GAS I 1"½ GAS I 1"½ NPT L 2" GAS V 2" NPT <i>NPT port available only on request</i>	B NBR V VITON E EPDM W EPM WT PX * <i>* KTW certified for food</i>	T Brass N Nickel-plated brass I Stainless steel * <i>* available only for 1/2" and 3/4" valves.</i>	M Manual override SG Clean for oxigene

Rev.ENG-00/2012 - Le caratteristiche possono subire variazioni senza preavviso. / Characteristics may change without notice.