

DESCRIPTION

TWO WAY NORMALLY CLOSED LIFT ASSISTED PISTON SOLENOID VALVE



DIMENSIONS mm



Two way normally closed lift assisted piston solenoid valve with spring return.

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

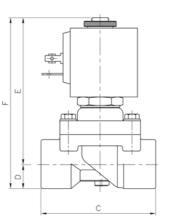
Suitable for zero differential pressure applications.

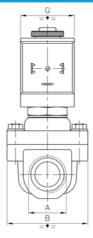
Forged brass,nickel-plated brass or stainless steel body (1/2" & 3/4" only).

Stainless steel guide tube, springs and internal parts.

Solenoid can be rotated 360°.

Valve will operate in any position, preferably with vertical coil upwards.





Port size	Dim	Dimensions in millimeters (mm)								
۵	В	С	D	E	F	(G			
		0	U	-	r	C3	C4			
3/8"	45	64	14	82	96	30	36			
1/2"	45	64	14	82	96	30	36			
3/4"	54	82	17	88	105	30	36			
1"	72.5	100	20	95	115		36			

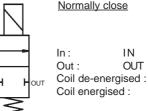
ELETTRICAL INFORMATIONS

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

Coil type: Insulation class: Winding wire class:		C3 / C4 F (155°C), H (180°C) on request. H (180°C)						
Protection class:		Waterproof IP-65 (no		N60529) when properly				
		plug connetted when DIN-43650 plug.						
Duty:		Continuous (S.I.) 10	0% ED					
Power consumption:	C3	Alternate Current	13VA	(inrush 20VA)				
		Direct Current	8W					
	C4	Alternate Current	22VA	(inrush 40VA)				
		Direct Current	27W	· · ·				
Voltage tollerance:		a.c. +10% ÷ -15%, 0	d.c. +1(0% ÷ -5%				
Elettrical Insulation:		>500 MOhm						
Dielectrical Strenght:		>2000 V/1'						
Standard voltage:		d.c. 12, 24 Volt						
		a.c. 24, 110, 230 Vo	lt (50/6	0 Hz)				

other voltages available on request.

OPERATION



IN

OUT

IN and OUT close. IN to OUT

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL ORIFICE				ORIFICE	PRESSURE IN BAR					Flow					
						mm	MIN./MAX. DIFFERENTIAL PRESSURE						factor	K	-
	_						NOMINAL MAX.	MIN. MAX with coil C3 MAX with coil C4				kv	with coil	y. with coil	
а	b		c d		e f				AC~	DC=	AC~	DC=	(l/min.)	C3	C4
	L	04	D/N	13		12,7	16	0	10	-	14	12	35	0,592	0,674
	L	04	E/O	13		12,7	16	0	10	-	14	12	40	0,562	0,644
	L	04	F/Q	19		19	16	0	8	-	10	8	90	0,858	0,94
	L	04	G/R	25		25	16	0	-	-	7	4	176	1,40	1,482

a Construction	b Valve type	C Port size	d Seals material	e Body material	f Optional feature
A AC C DC	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 NPT port available only on request	B NBR V VITON E EPDM W EPM WT PX* T PTFE * KTW certified for food	Brass Nickel-plated brass Stainless steel * <u>* available only for 1/2"</u> and 3/4" valves.	SG Clean for oxigene

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

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Two-way solenoid valve normaly closed with lift-assisted diaphragm

No energized port *P* closed by spring return (NC). This valve does not rely on a pressure-differential for its operation.



Technische Daten / technical data

Anschluss: Einbaulage:	G 3/8"- G 1", DIN ISO 228 beliebig, bevorzugt Magnet stehend
Durchflussmedium:	neutrale, gasförmige und flüssige Medien
Viskosität:	22 mm² / S
Ventilgehäuse:	Pressmessing MS 58
Metall, Innenteile:	Edelstahl, AISI 430+303
	Führungsrohr Edelstahl
Anschlussspannungen:	AC 24, 110, 230V 50Hz
	DC 12, 24V
Leistungsaufnahme:	C3 20/13 VA 8 Watt
	C4 40/22 VA 23 Watt
Einschaltdauer:	100 % - VDE 0580
Umgebungstemperatur:	+40°C
Schutzart:	IP 65 nach DIN 40050
Kabelanschluss:	Gerätestecker DIN 43650

connection: installation:

flow medium:

viscosity: valve housing: metallic inner part:

supply voltages:

power consumption:

operating factor: ambient temperature: enclosure: electric connection: G 3/8"- G 1", DIN ISO 228 any position, upwards recomended neutral, gaseous and liquid media 22 mm² / S brass stainless steel guide pipe stainless steel AC 24, 110, 230V 50Hz DC 12, 24V C3 20/13 VA 8 Watt C4 40/22 VA 23 Watt 100 % - VDE 0580 +40°C IP 65 according DIN 40050 connestion socket

Baur	aiha		DN	кv	DRUCK/press./bar				
Baureihe <i>Type</i>		G	seat	flow rate	min.	max. C3 (C4)			
			mm	m³ / h		AC	DC		
	D B 13 T	3/8"	12,7	2,1	0	7 (10)	(6)		
AL24	E B 13 T	1/2"	12,7	2,4	0	7 (10)	(6)		
AL24	F B 19 T	3/4"	19	5,4	0	5 (7)	(3)		
	G B 25 T	1"	25	10,6	0	(7)	(2,5)		

ACHTUNG: Dichtungskennziffer Attention: seal-digit

Dichtungs- kennziffer seal-digit	Dichtung seal	max. Temp. °C
В	NBR	90
E	EPDM	140
v	VITON	130
W	EPDM gemä	ß KTW-Empfehlung

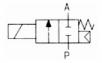
Bei 0 bar Druck ist der KV-Wert reduziert.

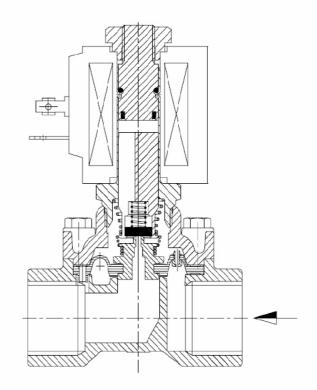




Optionen / options

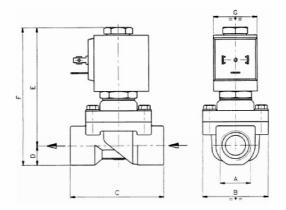
- NC = In Ruhestellung geschlossen normally closed
- P = Eingang inlet





Maße / dimensions

A	в	С	D	Е	F	0	3
A	D					C3	C4
3/8"	45	64	14	82	96	30	36
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3/4"	54	82	17	88	105	30	36
1"	72,5	100	20	95	115	-	36



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