

ELEKTROMAGNĒTISKO VĀRSTU ĪSS APRAKSTS

Elektromagnētiskie vārsti, normāli aizvērti (NC), divgaitas, diferenciālam spiedienam, kas lielāks par nulli, ar aizsardzību pret hidrotriecieniem, IP 65.

Attēls	Modelis un savienojumu izmērs	Izmērs	Diferenciālais spiediens, bar			Caurplūdes viela	Caurplūdes spēja m ³ /h, kv	Caurplūdes vielas temperatūra
			Min.	Maks. AC	Maks. DC			
6	L172V03-1/8"	DN6	0	15	6	Ūdens, gaiss	0,11	-10... 130 °C
6,1	L121V02-1/4"	DN8	0	12	7		0,3	
7	L182B01-3/8"	DN10	0,35	12	12		1,7	-10... 90 °C
7	L182B01-1/2"	DN15	0,35	16	16		3,8	
7	L182B01-3/4"	DN20	0,35	12	12		5	
7	L182B01-1"	DN25	0,35	12	12		11	
7	L180B48-1 1/4"	DN32	0,50	10	10		15	
8	L180B48-1 1/2"	DN40	0,50	10	10		27	
8	L180B48-2"	DN50	0,50	10	10		34	

SIRAI



Att.6

SIRAI



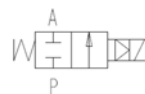
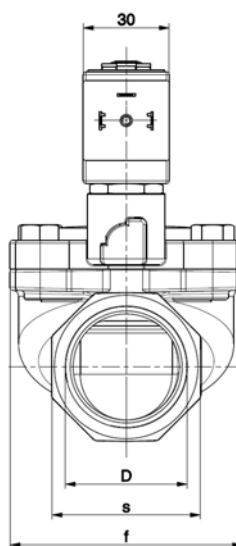
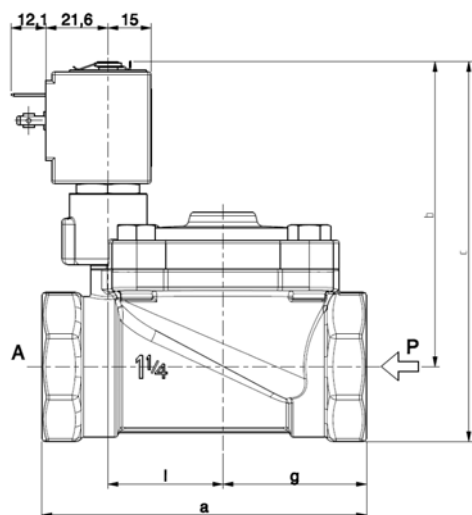
Att 7



SOLENOID VALVE
2/2 - NC (Normally closed)
Pilot operated
G1 ¼ ÷ 2

L182-BIG

G 1" ¼ ÷ 2"



D	a	b	c	f	g	l	s
G 1 ¼	113	106	132	81	50	40	52
G 1 ½	140	110	140	110	64	53	60
G 2	157	114	150	110	72	53	72

► **GENERAL FEATURES**

Diaphragm valve, pilot operated, having full orifice.

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Not suitable for use with dangerous fluids listed in Group 1, therefore they are free from CE marking in conformity with article 3 § 3 of the European Directive 97/23/EC (Pressure Equipment Directive).

► **TECHNICAL FEATURES**

Maximum allowable pressure (PS) 15 bar

Response times

Opening time (ms)

Closing time (ms)

Fluid temperature

Max viscosity

	1 1/4	1 1/2	2
Opening time (ms)	100	360	360
Closing time (ms)	650	650	650

-10°C +90°C (NBR)
0°C +130°C (FPM)
5°E (~37 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

Body

Sealing

Internal components

Seat

Guide assembly

Shading ring

Brass

Diaphragm: NBR or FPM / Actuator: FPM

Brass and stainless steel

Brass

Stainless steel

Copper

► **COIL**

Approval

Continuous duty

Encapsulation material

Coil insulation class

Ambient temperature

Electric connections

Protection degree

Voltages DC

AC

UL (class F) – for UL cl.H: ZA34

ED 100%

PPS (Polyphenylsulfure) fiberglass reinforced

F (155°C) on request class H (180°C)

-10°C +50°C

DIN 46340 - 3 poles connectors (EN175301-803)

IP 67 (EN 60529) with plug connector

12-24V (+10% -5%)

24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz

(+10% -15%)

(Other voltages and frequencies on request)

Port size ISO 228	Orifice size. (mm)	Differential pressure (bar)						Kv (m³/h)	Series and type			Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max														
			Gases		Liquids												
			AC	DC	AC	DC	AC		DC								
G 1 ¼	30	0,50	10	10	10	10	15	L182B48	L182B49	ZA10A	23	14	9	NBR (diaphragm) FPM (actuator)	-	1,590	
G 1 ½	45						27									2,510	
G 2	45						34									2,990	
G 1 ¼	30						15	L182V48	L182V49					FPM		1,590	
G 1 ½	45						27									2,510	
G 2	45						34									2,990	

► **NOTES**

- Sealings : NBR = Nitrile-butylene elastomer FPM = Fluoro-carbon elastomer

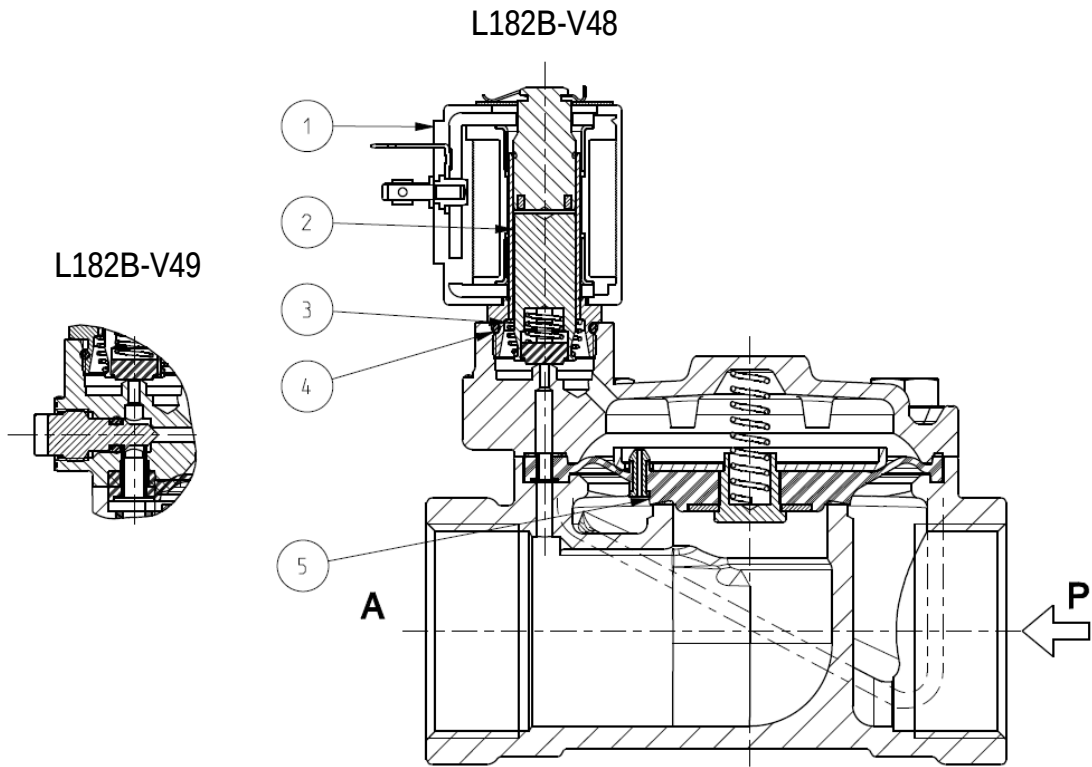
- Operation with gaseous fluids at high pressure without any outlet restriction can reduce the diaphragm life.

- IMQ CSV approval, see ZA10 datasheet for further details

- UL approved coil (E153691)

L182-BIG G 1" ¼ ÷ 2"

► SPARE PARTS



Kit description

Kit P.N.

Consisting of:

Core kit

G3146801

Core pos. 2
Core return spring pos. 3
OR guide assembly pos. 4

Diaphragm kit

L182B..	G 1 ¼	2400801R
	G1 ½ - 2	2401301R
L182V..	G 1 ¼	2400802R
	G1 ½ - 2	2401302R

Diaphragm assembly pos. 5

Coil

ZA10A

Coil pos. 1

► MOUNTING

Solenoid valve can be mounted in any position; vertical with coil upwards preferred.

THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATES ARE AVAILABLE ON REQUEST.