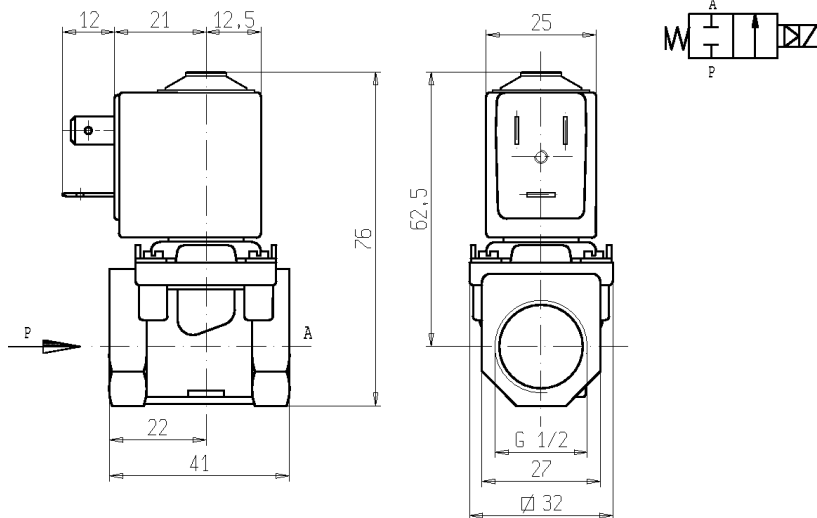




SOLENOID VALVE
2/2 - NC (Normally closed)
Pilot operated
G1/2

L140



► **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).

► **TECHNICAL FEATURES**

Maximum allowable pressure (PS)	16 bar
Opening time	~30ms
Closing time	~50ms
Fluid temperature	-10°C +90°C (NBR) 0°C +100°C (FPM) -10°C +100°C (EPDM)
Max viscosity	5°E (~37 cStokes or mm ² /s)

► **MATERIALS IN CONTACT WITH FLUID**

Body	Brass
Sealing	NBR or FPM or EPDM
Internal components	Stainless steel and POM (acetal copolymer)
Seat	Brass
Guide assembly	Stainless steel
Shading ring	Copper

► **COIL**

Continuous duty	ED 100%
Encapsulation material	PET (polyethylene terephthalate) fiberglass reinforced
Insulation class	F (155°C) on request class H (180°C) - UL
Ambient temperature	-10°C +60°C
Electric connections	DIN 46340 - 3 poles connectors
Protection degree	IP 65 (EN 60529) with plug connector
Voltages AC	24V/50-60Hz - 110V/50-60Hz (120V/60Hz) 230V/50-60Hz (+10% -15%) (Other voltages and frequencies on request)

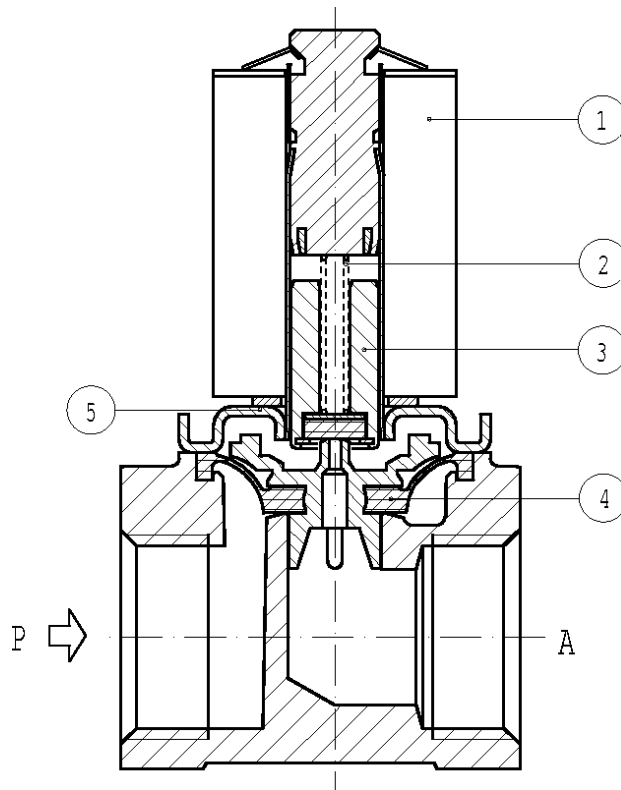
Port size ISO 228	Ø Int. (mm)	Differential pressure (bar)						Kv (m ³ /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)			
		Δp min	Δp max				Valve		Coil	AC (VA)		c.c. (W)							
			Gas		Liquids					Inrush	Holding								
			c.a.	c.c.	c.a.	c.c.													
G 1/2	10	0,35	10	-	10	-	1,5	L140B5	Z610A	16	10	-	NBR	1	0,270				
								L140V5											
								L140D05											
								L140B7											

► **NOTES**

- Sealings : NBR = Nitrile-butylene elastomer FPM = Fluoro-carbon elastomer EPDM = Ethylene-propylene elastomer (WRAS/KTW certified compound)
- Continuous changes of pressure may reduce the life of the diaphragm.
- 1 - The Δp max value is valid only for 50Hz; for operation at 60Hz, Δp max is 5 bar.
- 2 - Chemically nickel plated core (Ni-P).
- 3 - Model available on request only; ask for minimum quantity.

L140

► SPARE PARTS



Kit description	Kit P.N.	Consisting of:	
Core kit	L140B5 L140V5 L140D05 L140B7	G2851701 G2851702 G2851704 G2851703	Core pos. 3 Core return spring pos. 2
Core return spring kit	G2733901	N.10 Core return springs pos. 2	
Diaphragm assembly	L140B5 – B7 L140V5 L140D05	2706503R 2706504R 2706507R	Diaphragm assembly pos. 4
Guide pipe assembly	2733801R	Guide pipe assembly pos. 5	
Coil	Z610A	Coil pos. 1	

► MOUNTING

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