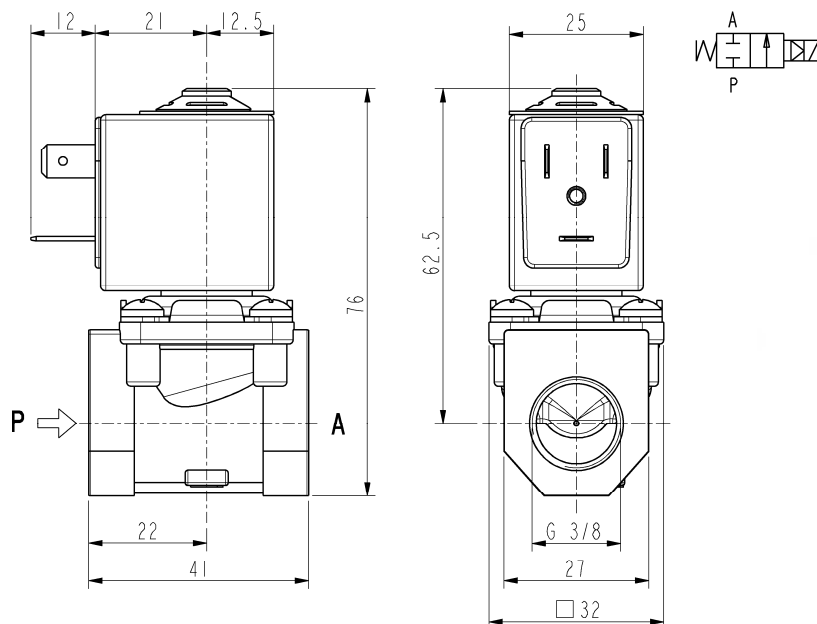




SOLENOID VALVE
2/2 - NC (Normally closed)
Pilot operated
G3/8

L140-D11



► **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 +100°C
Max viscosity 5°E (~37 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

Body	Brass
Sealing	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 connenctions	DIN 46340- 3 poles connectors
Protection degree	IP 65 (EN 60529) with plug connector
Voltages	24V/50-60Hz - 110V/50-60Hz (120V/60Hz) 230V/50-60Hz (+10% -15%) (Other voltages and frequencies on request).

CUSTOMIZED VERSION

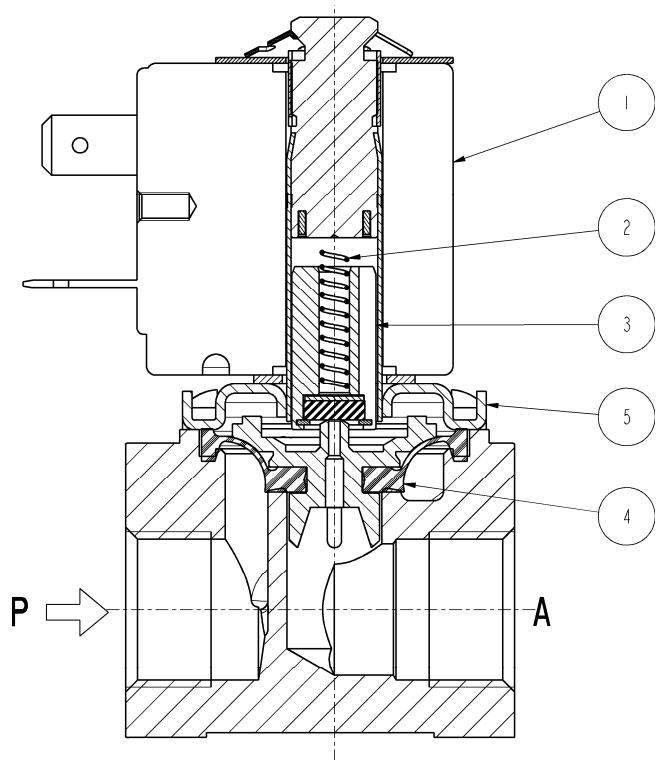
Port size ISO 228	Ø Int. (mm)	Differential pressure (bar)					Kv (m³/h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Δp min	Δp max							AC (VA)		c.c. (W)			
			Gas		Liquids			Valve	Coil	Inrush	Holding				
			c.a.	c.c.	c.a.	c.c.									
G 3/8	10	0,35	10	-	10	-	1,5	L140D11	Z610A	16	10	-	EPDM	1 - 2	0,285

► **NOTES**

- Sealings : EPDM = Ethylene-propylene elastomer
- 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 - On request coil Z614A , class "H" (+180°C), ambient temperature +80°C, UL approved

L140-D11

► SPARE PARTS



Kit description

Core kit

Core return spring kit

Diaphragm assembly

Guide pipe assembly

Coil

Kit P.N.

G2851704

G2733901

2706507R

2733801R

Z610A

Consisting of:

Core pos. 3

Core return spring pos. 2

N.10 Core return springs pos. 2

Diaphragm assembly pos. 4

Guide pipe assembly pos. 5

Coil pos. 1

► MOUNTING

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