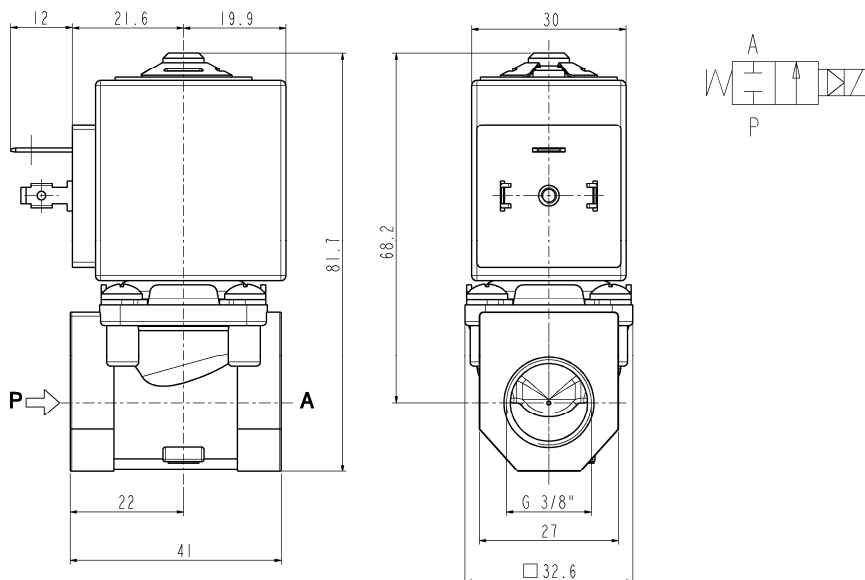




SOLENOID VALVE
2/2 - NC (Normally closed)
Pilot operated
G3/8

L140D14
DC VERSION



► **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 0°C +100°C
Max viscosity 5°E (~37 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

<i>Body</i>	Brass
<i>Sealing</i>	EPDM and FPM
<i>Internal components</i>	Stainless steel and POM (acetal copolymer)
<i>Seat</i>	Brass
<i>Guide assembly</i>	Stainless steel
<i>Shading ring</i>	Copper

► **COIL**

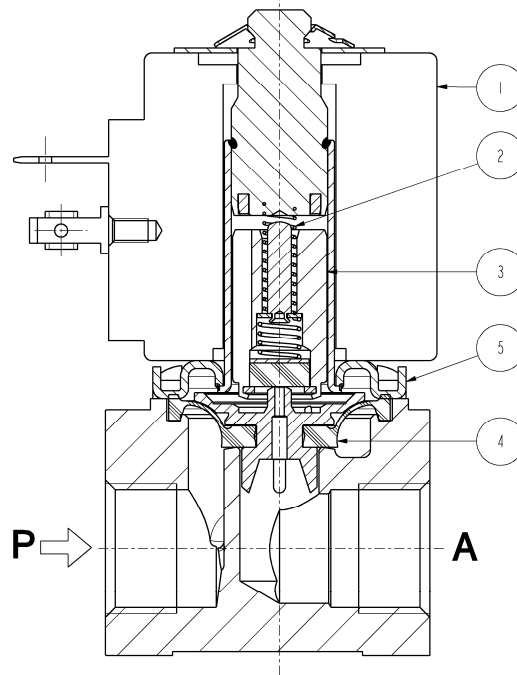
<i>Continuous duty</i>	ED 100%
<i>Encapsulation material</i>	PET (polyethylene terephthalate) fiberglass reinforced F (155°C)
<i>Insulation class</i>	-10°C +60°C
<i>Ambient temperature</i>	-10°C +60°C
<i>Electric connections</i>	DIN 46340 - 3 poles connectors (EN 175301-803)
<i>Protection degree</i>	IP 65 (EN 60529) with plug connector
<i>Voltages AC</i>	24V (+10% -5%) (Other voltages 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
			AC	DC				AC	DC						
G 3/8	10	0,35	-	10	-	10	1,35	L140D14	ZA30A	-	-	9	EPDM and FPM	-	0,360

► **NOTES**

- Sealings : EPDM = Ethylene-propylene elastomer (WRAS/KTW certified compound) FPM = Fluoro-carbon elastomer
 - Continuous changes of pressure may reduce the life of the diaphragm.

► SPARE PARTS



Kit description

Kit description	Kit P.N.	Consisting of:
Core kit	G3142201	Core pos. 3 Core return spring pos. 2
Core return spring kit	G2718701	N.10 Core return springs pos. 2
Diaphragm assembly	299918-001R	Diaphragm assembly pos. 4
Guide pipe assembly	3118101	Guide pipe assembly pos. 5
Coil	ZA30A	Coil pos. 1

► MOUNTING

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