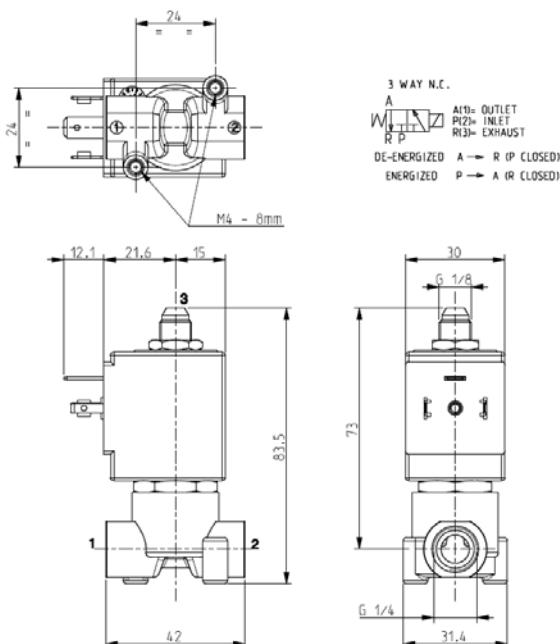




SOLENOID VALVE
3/2 - NC (Normally closed)
Direct acting
G 1/4

L321V04C



► **GENERAL FEATURES**

Direct acting solenoid valve, complying with NSF standards.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

► **TECHNICAL FEATURES**

Maximum allowable pressure (PS) 40 bar
Opening time ~20ms
Closing time ~20ms
Fluid temperature 0°C +130°C
Max viscosity 5°E (~37 cStokes or mm²/s)

► **MATERIALS IN CONTACT WITH FLUID**

Body Chemically nickel plated brass (Ni-P)
Sealing FPM (FDA homologated compound)
Internal components Stainless steel
Seat Stainless steel
Guide assembly Stainless steel
Shading ring Copper

► **COIL**

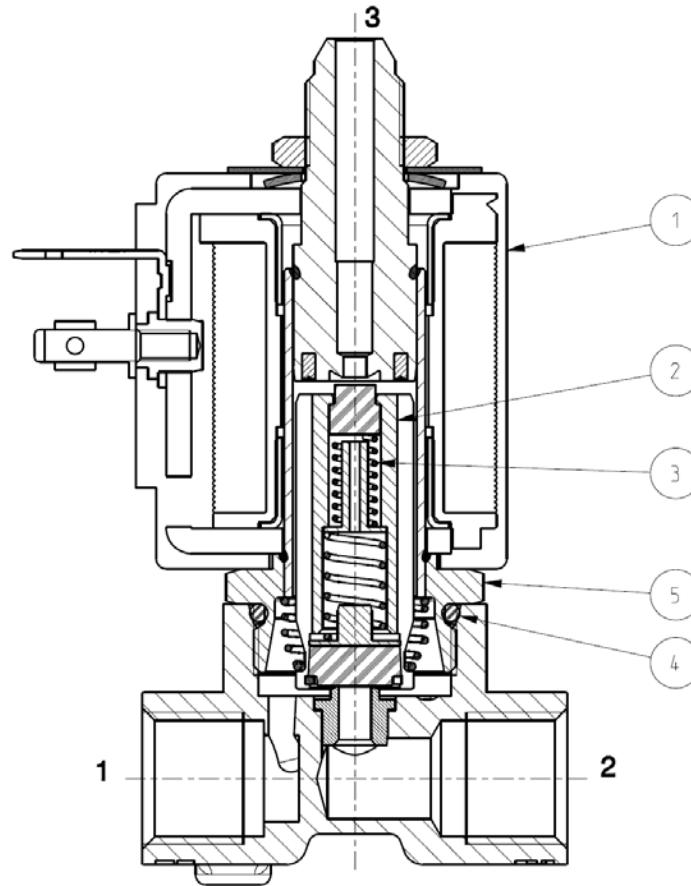
Approval UL (class F) – for UL cl.H: ZA34
Continuous duty ED 100%
Encapsulation material PPS (Polyphenilsulfure) fiberglass reinforced
Coil insulation class F (155°C) on request class H (180°C)
Ambient temperature -10°C +50°C
Electric connections DIN 46340 - 3 poles connectors (EN 175301-803)
Protection degree IP 67 (EN 60529) with plug connector
Voltages DC **ZA10G**: 12-24V (+10% -5%)
AC **ZA10A**: 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				AC (VA)				DC (W)					
			Gases		Liquids				Inrush	Holding						
			AC	DC	AC	DC										
G 1/4	4,4	0	2,5	-	2,5	-	0,3	L321V04C	ZA10A	23	14	-	FPM	-	0,300	
			-	2,5	-	2,5			ZA10G	-	-	12				

► **NOTES**

- Sealings : FPM = Fluoro-carbon elastomer (FDA homologated compound)
- Upper exhaust (3) with seat diameter 2,3 mm
- IMQ CSV approval, see ZA10 datasheet for further details
- UL approved coil (E153691)

► SPARE PARTS



Kit description

Core kit
Core return spring kit
OR guide assembly kit
Guide assembly
Coil

Kit P.N.

G3038404
G3065701
GU2424000017
297779-001R
ZA10A
ZA10G

Consisting of:

Core pos. 2
N.10 core return spring pos. 3
N.10 OR guide assembly pos. 4
Guide assembly pos. 5
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.