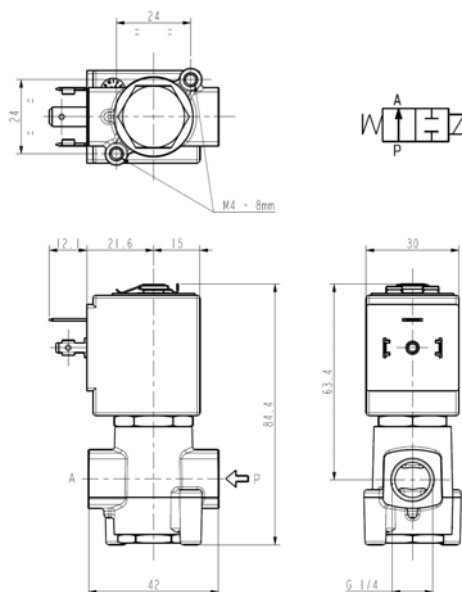




SOLENOID VALVE
2/2 - NO (Normally open)
Direct acting
G 1/4

L256V



► **GENERAL FEATURES**

Direct acting solenoid valve, suitable for vacuum at port "P" (PA – PP = max 1 bar)

Suitable to shut off liquid and gaseous fluids; particularly suitable in the applications in sterilising autoclaves (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 (FPM)
Max viscosity	5°E (~37 cStokes or mm ² /s)

► **MATERIALS IN CONTACT WITH FLUID**

Body	Brass or chemically nickel coated (Ni-P) brass
Sealing	FPM
Internal components	Stainless steel
Seat	Stainless steel
Core tube	Stainless steel
Shading coil	Copper

► **COIL**

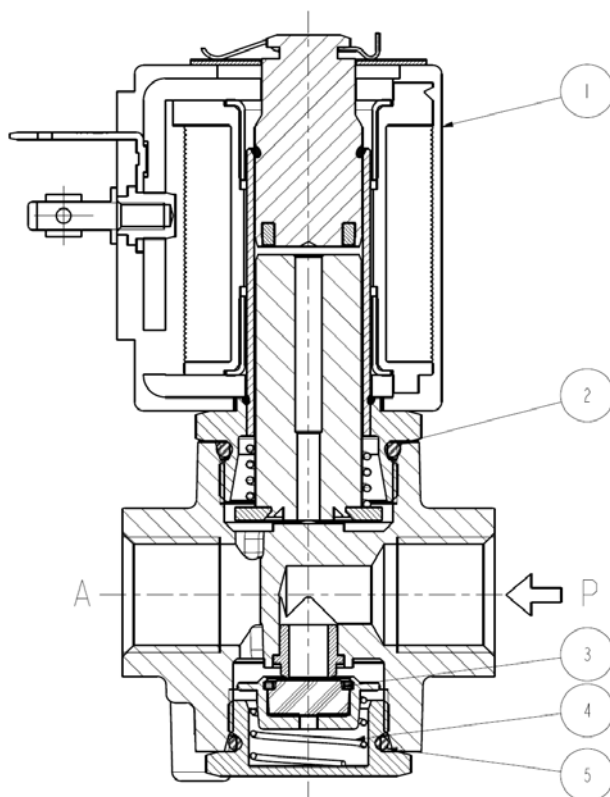
Approval	UL (class F) – for UL cl.H: ZA34
Continuous duty	ED 100%
Encapsulation material	PPS (Polyphenylsulfure) fiberglass reinforced
Insulation class	F (155°C) on request class H (180°C)
Ambient temperature	-10°C +50°C
Electric connections	DIN 46340 - 3 poles connectors (DIN 43650)
Protection degree	IP 67 (EN 60529) with plug connector
Voltages DC	12-24V (+10% -5%)
AC	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		Valve	Coil	AC (VA)		DC. (W)			
Inrush	Holding														
G 1/4	3,2	0	4	4	4	4	0,30	L256V12	ZA10A	23	14	9	FPM	1	0,340
	L256V14		1 – 2												
	4,5		2,5	2,5	2,5	2,5		0,45						L256V12	

► **NOTES**

- Sealings : FPM = Fluoro-carbon elastomer
- IMQ CSV approval, see ZA10 datasheet for further details
- UL approved coil (E153691)
- 1 - Only for use with steam, consider following values: max pressure 2,8 bar (max fluid temperature 130°C).
- 2 - Chemically nickel coated (Ni-P) brass body.

► SPARE PARTS



Kit description

Sealing assembly kit

OR guide assembly kit

OR cap kit

Coil

Kit P.N.

G3124301

GU242400017

GU2424000155

ZA10A

Consisting of:

Sealing group pos.3
Sealing return spring pos.4
OR cap pos. 5

N°.10 OR guide assembly pos. 2

N°.10 OR cap pos.5

Coil pos.1

► INSTALLATION

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.