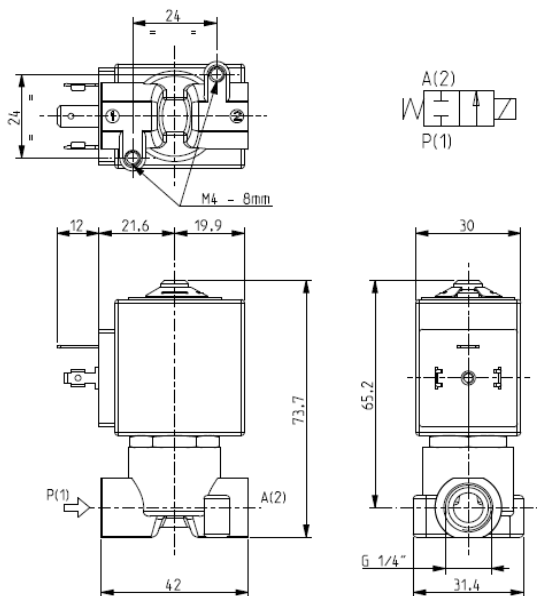




SOLENOID VALVE
2/2 - NC (Normally closed)
Direct acting
G 1/4

L121V05



► **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
Internal components	Stainless steel
Seat	Chemically nickel plated brass (Ni-P)
Guide assembly	Stainless steel
Shading ring	Copper

► **COIL**

Continuous duty	ED 100%
Encapsulation material	PET (polyetheterephthalate) glass fibre reinforced
Coil insulation class	F (155°C) on request class H (180°C) - UL
Ambient temperature	-10°C +50°C
Electric connections	DIN 46340 - 3 poles connectors (EN175301-803)
Protection degree	IP 65 (EN 60529) with plug connector
Voltages	DC 12-24V (+10% -5%)
AC	ZA30A: 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	3,2	0	12	4	12	4	0,30	L121V05	ZA30A	23	14	9	FPM	1 - 2	0,300
			-	7	-	7			ZA30E	-	-	12		1	

► **NOTES**

- Sealings : FPM = Fluoro-carbon elastomer
1 - On request coils ZA34A, "H" class (+180°C), max ambient temperature 80°C, UL approval.
2 - On request special coil ZA32A, class "F", with UL homologated windings - see overleaf.

L121V05

► SPECIAL COIL ZA32A

Continuous duty ED 100%

Encapsulation material PET (polyethylene terephthalate) fiberglass reinforced

Coil insulation class F (155°C)

Ambient temperature -10°C +50°C

Ambient temperature

Electric connections

Voltages AC

DIN 46340 - 3 poles connectors (EN175301-803)

IP 65 (EN 60529) with plug connector

24V/50-60Hz • 100V/50-60Hz • 115-120V/60Hz (UL) •

200V/50-60Hz • 220-230V/50Hz - 208-240V/60Hz (UL) •

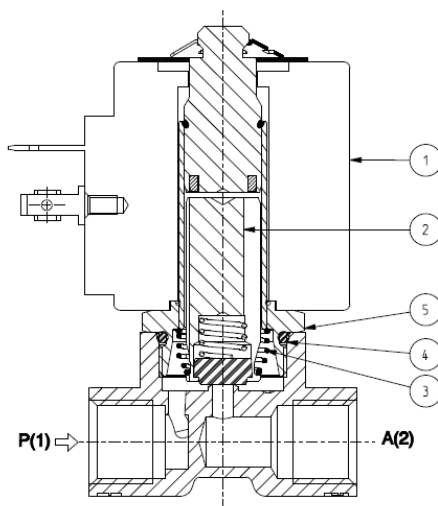
220-240V/50Hz • (+10% -15%)

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	3,2	0	9	-	9	-	0,30	L121V05	ZA32A	23	14	-	FPM	-	0,300

► NOTES

- Sealings : FPM = Fluoro-carbon elastomer

► SPARE PARTS



Kit description

Core kit

Core return spring kit

OR guide assembly kit

Guide pipe assembly

Coil

Kit P.N.

G3022803

G3022401

GU2424000017

3008301R

ZA30A
ZA30E
ZA32A

Consisting of:

Core (with core return spring) pos. 2
OR guide assembly pos. 4

N.10 core return spring pos. 3

N.10 OR guide 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.

THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATES ARE AVAILABLE ON REQUEST.