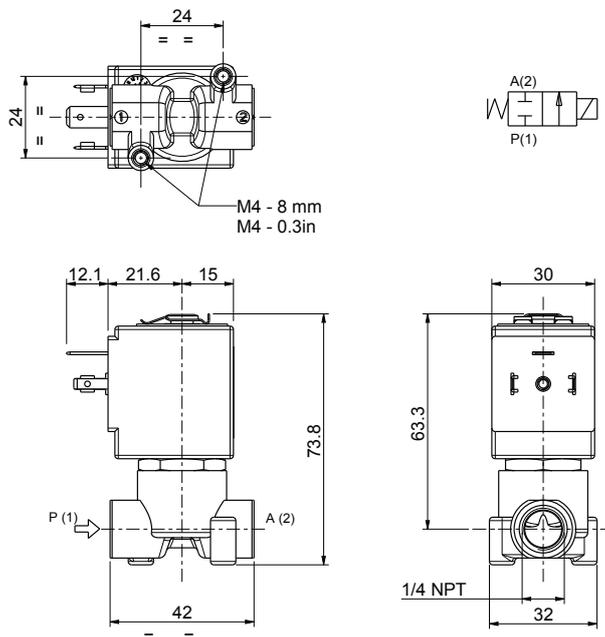


ASCO™ SOLENOID VALVE

2/2 NORMALLY CLOSED – DIRECT ACTING - 1/4 NPT

SERIES
L121-C06-NPT



General Features

Direct acting solenoid valve.

Suitable to shut off liquid and gaseous fluids; particularly suitable to shut off overheated water and steam (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	-10°C +170°C
Max viscosity	5°E (~37 cStokes or mm ² /s)

Materials in Contact with Fluid	
Body	Brass
Sealing	RUBY
Internal components	Stainless steel
Seat	Stainless steel
Core tube	Stainless steel
Shading coil	Copper

Coil		
Continuous duty	ED 100%	
Encapsulation material	PPS (Polyphenylsulfure) fiberglass reinforced	
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 67t (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 (ins)	Orifice size (mm)	Differential pressure (bar)	Kv (m ³ /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)		
				Valve	Coil	AC (VA)		DC (W)					
						Inrush	Holding						
1/8 NPT 1/8 NPT	3,2	0	0,28	L121C06	ZA10A	23	14	9	RUBY	1-2-3-4	0,290		
						-	-	12					
	4,5					0,40	ZA10A	23				14	9
								-				-	12

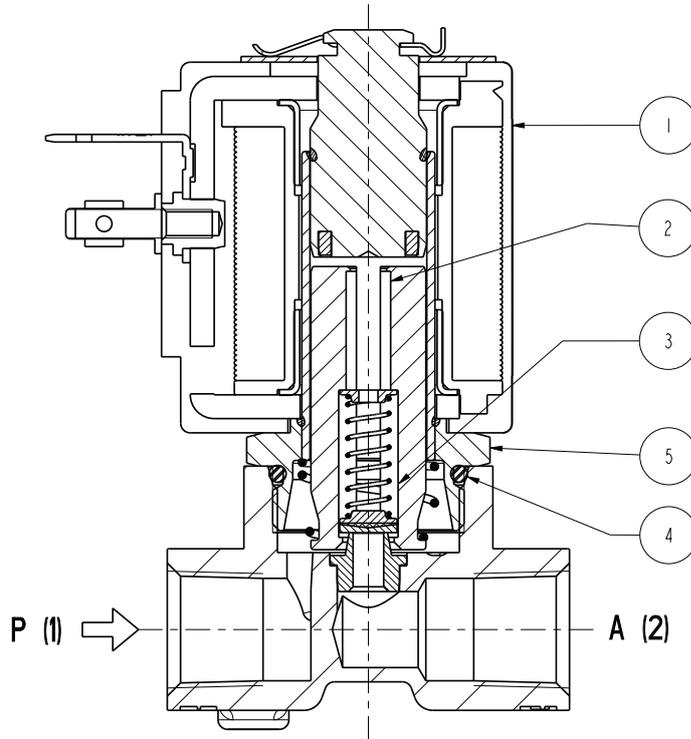
Notes

- Sealings : RUBY=Synthetic corundum
- 1 - The use of rigid sealings (RUBY) with gaseous fluids implies a slight leakage, generally limited at 2 scc/min at 1 bar pressure.
- 2 - Gasket between core armature and body in FPM (Fluoro-carbon elastomer).
- 3 - Only for use with steam, consider following values: max pressure 8 bar (max temperature of fluid 170°).
- 4 - IMQ CSV approval, see ZA10 datasheet for further details

SERIES
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ASCO™ SOLENOID VALVE
2/2 NORMALLY CLOSED – DIRECT ACTING - G 1/8

Spare Parts



Kit description	Kit P.N.	Consisting of:
Core kit	G3008802	Core (with core return spring) pos. 2 OR guide assembly pos. 4
Core return spring kit	G3022401	N.10 core return spring pos.3
OR guide assembly kit	GU2424000017	N.10 OR guide assembly pos.4
Guide assembly kit	G31486	Guide assembly pos. 5 Coil clip
Coil	ZA10A ZA10G	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