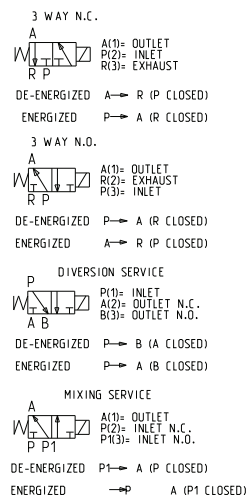
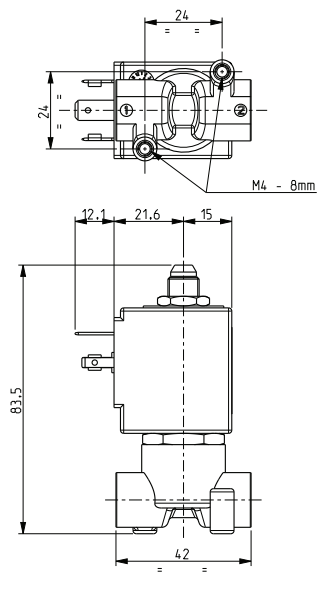


ASCO™ SOLENOID VALVE

3/2 NC - NO - U (UNIVERSAL SERVICE) – DIRECT ACTING - 1/4 NPT

SERIES
L321-NPT



General Features

Direct acting solenoid valve.

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	-10°C +90°C (NBR) 0°C +130°C (FPM)
Max viscosity	5°E (~37 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	Brass
Sealing	NBR or FPM
Internal components	Stainless steel
Seat	Brass
Guide assembly	Stainless steel
Shading ring	Copper

Coil		
Continuous duty		ED 100%
Encapsulation material		PPS (Polyphenilsulfure) fiberglass reinforced
Insulation class		F (155°C) on request class H (180°C) – UL (see ZA34)
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 NPT	Orifice size (mm)	Differential pressure (bar)				Kv (m³/h)	Series and type		Power absorption			Sealings	Function Notes	Weight (kg)	
		Δp min	Δp max						AC (VA)		DC (W)				
			Gases		Liquids		Inrush	Holding							
			AC	DC	AC				DC						
1/4	2,3	0	8	-	8	-	0,14	L321B03C	ZA10A	23	14	-	NBR	NC	0,370
			-	8	-	8			ZA10G	-	-	12		NC	
			8	-	8	-		L321V03C	ZA10A	23	14	-	FPM	NC	
			-	8	-	8			ZA10G	-	-	12		NC	
			8	-	8	-		L321B03A	ZA10A	23	14	-	NBR	NO	
			-	8	-	8			ZA10G	-	-	12		NO	
			5	-	5	-		L321V03G	ZA10A	23	14	-	FPM	U	
			-	5	-	5			ZA10G	-	-	12		U	

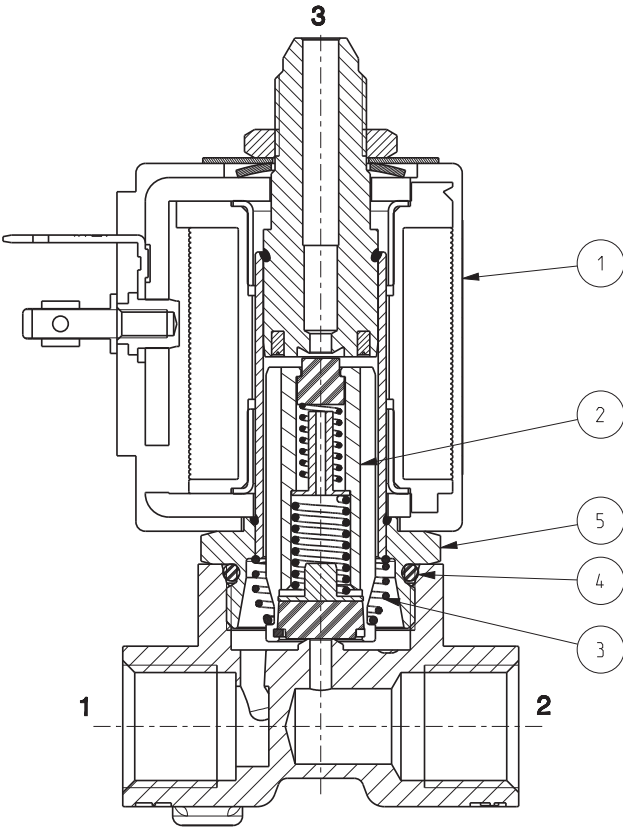
Notes

- Sealings : NBR = Nitrile-butylene elastomer FPM = Fluoro-carbon elastomer
- NC: Normally closed NO: Normally open U: Universal service
- IMQ CSV approval, see ZA10 datasheet for further details

SERIES
L321-NPT

ASCO™ SOLENOID VALVE
3/2 NC - NO - U (UNIVERSAL SERVICE) – DIRECT ACTING - 1/4 NPT

Spare Parts



Kit description	Model	Kit P.N.	Consisting of:
Core kit	L321B03C	G3065902	Core pos. 2 Core return spring pos. 3 O-Ring guide assembly pos. 4
	L321V03C	G3065901	
	L321B03A	G3064902	
	L321V03G	G3065101	
Core return spring kit	L321B-V03C	G3065701	N.10 core return spring pos. 3
	L321B03A	G3063601	
	L321V03G	G3022401	
O-Ring guide assembly kit	L321B...	GU2421000017	N.10 O-Ring guide assembly pos. 5
	L321V...	GU2424000017	
Guide pipe assembly		3027601	Guide pipe assembly pos. 5
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