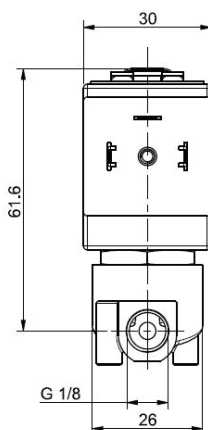
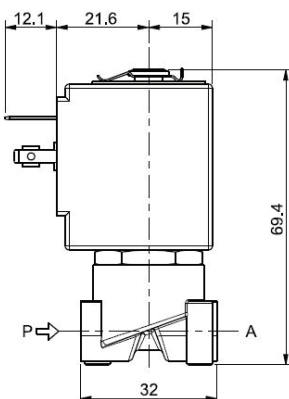
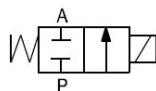
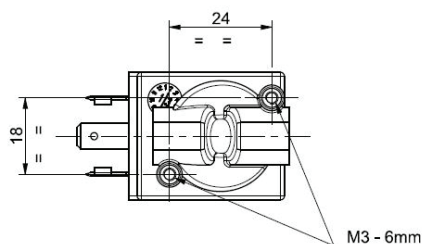


ASCO™ SOLENOID VALVE

2/2 NORMALLY CLOSED – DIRECT ACTING - G 1/8

SERIES
L120-V07



General Features

Direct acting solenoid valve, small body size.

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with material 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	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 (E153691)	
Continuous duty	ED 100%	
Encapsulation material	PPS (Polyphenilsulfure) 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 plug-connectors (EN175301-803)	
Protection degree	IP67 (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									
G 1/8	2,3	0	20	16	20	16	0,15	L120V07	ZA10A	23	14	9	FPM	1 – 2	0,260

Notes

- Sealings: FPM=Fluoro-carbon elastomer
- IMQ CSV approval, see ZA10 datasheet for further details
- 1 - Solenoid valve with stainless steel seat.
- 2 - On request special coil ZA10X, class "F", with UL homologated windings – see overleaf.

SERIES
L120-V07

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

Coil for Special Voltages ZA10X	
Approval	UL (class F); see voltages
Continuous duty	ED 100%
Encapsulation material	PPS (Polyphenilsulfure) fiberglass reinforced
Insulation class	F (155°C)
Ambient temperature	-10°C +50°C

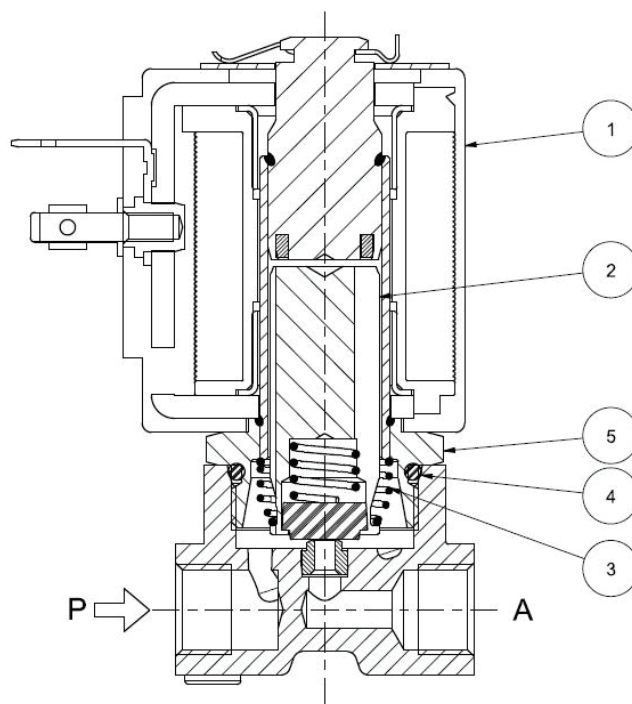
Electric connection		DIN 46340 - 3 poles plug-connectors (EN175301-803)
Protection degree		IP 67 (EN 60529) with plug-connector
Voltages	AC	24V/50-60Hz (UL) • 100V/50-60Hz 115-120V/60Hz • 200V/50-60Hz 220-230V/50Hz - 208-240V/60Hz (UL) 220-240V/50Hz (UL) • (+10% -15%)

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												
			Gases		Liquids										
			AC	DC	AC	DC		Valve	Coil	AC (VA)		DC (W)			
G 1/8	2.3	0	16	-	16	-	0.15	L120V07	ZA10X	23	14	-	FPM	1	0.270

Notes

- Sealings: FPM=Fluoro-carbon elastomer
- 1 - Solenoid valve with stainless steel seat.

Spare Parts



Kit description	Kit P.N.	Consisting of:
Core kit	G3022803	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 ZA10X	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