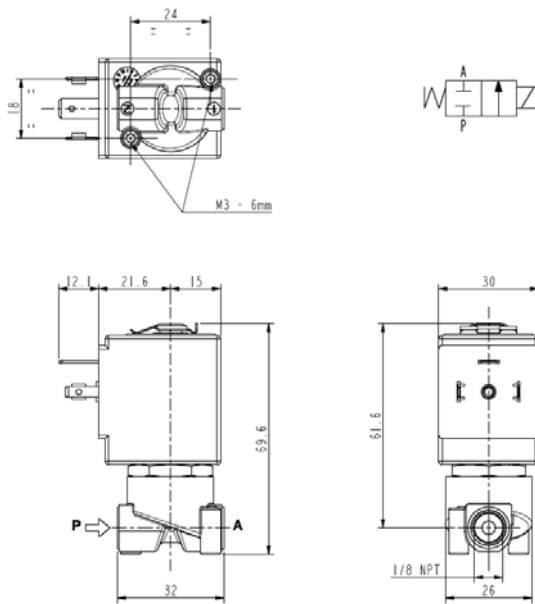




SOLENOID VALVE
2/2- NC (Normally closed)
Direct acting
G 1/8

L120-NPT



► 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 Brass
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 (see ZA34)
Ambient temperature -10°C +50°C
Electric connection DIN 46340 - 3 poles plug-connectors
Protection degree IP67 (EN 60529) with plug-connector (EN175301-803)
Voltages DC 12-24V (+10% -5%)
AC 24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz (+10% -15%)
(Other voltages and frequencies on request).

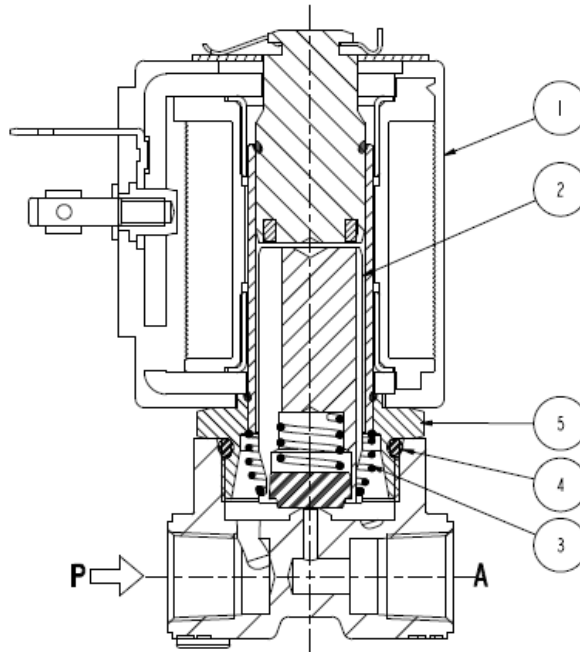
Port size (ins)	Orifice size (mm)	Pressure differential (bar)					Kv ³ (m /h)	Series and type		Power absorption			Seals	Notes	Weight (Kg)
		ΔP min	ΔP max												
			Gases		Liquids										
			AC	DC	AC	DC		Valve	Coil	AC (VA)		DC (W)			
						Inrush	Holding								
1/8 NPT	1,6	0	30	30	30	30	0,09	L120V06	ZA10A	23	14	9	FPM	-	0,260
	2,3		20	16	20	16	0,15								

► NOTES

- Sealings: FPM=Fluoro-carbon elastomer
- IMQ CSV approval, see ZA10 datasheet for further details

1501/1503

► 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	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.