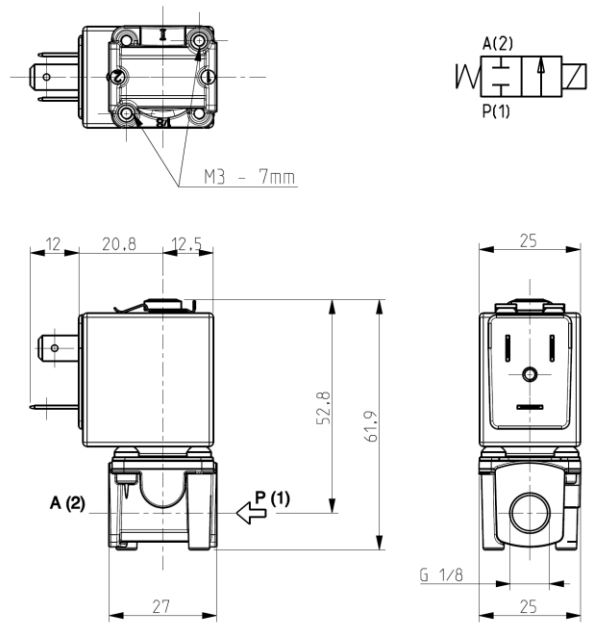




SOLENOID VALVE
2/2- NC (Normally closed)
Direct acting
G 1/8

L177V07-V08



► **GENERAL FEATURES**

Direct acting solenoid valve.
 Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with material in contact).

► **TECHNICAL FEATURES**

Maximum allowable pressure (PS) 30bar
 Opening time from ~10ms to ~20ms.
 Closing time from ~10ms to ~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 PET (polyethylene terephthalate) fiberglass reinforced
 Insulation class Z610A: F (155°C)
 Z614A: H (180°C) - UL
 Ambient temperature Z610A: -10°C +60°C
 Z614A: -10°C +80°C
 Electric connection DIN 46340 - 3 poles plug connectors
 Protection degree IP 65 (EN 60529) with plug connectors
 Voltages DC 12-24V (+10% -5%)
 AC Z614A only: 24V/50Hz - 110V/50Hz (120V/60Hz)
 230V/50Hz (+10% -15%)
 (Other voltages and frequencies on request).

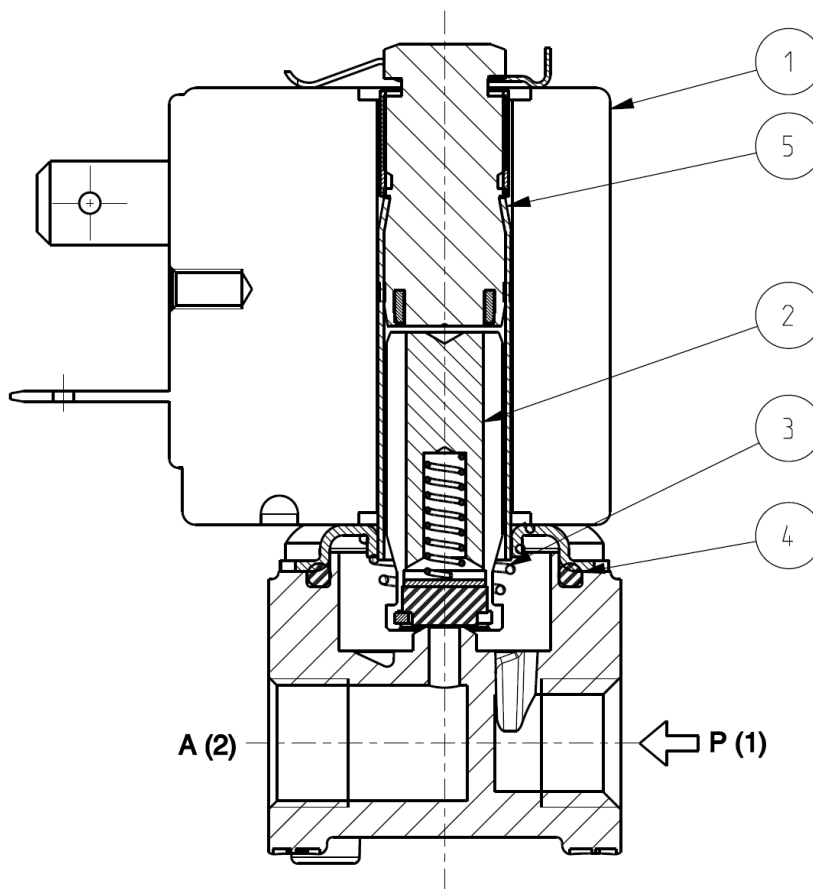
Port size ISO-228	Orifice size (mm)	Differential pressure (bar)				Kv (m ³ /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)	
		Δp min	Δp max				Valve	Coil	AC (VA)		DC (W)				
			Gases		Liquids				Inrush	Holding					
			AC	DC	AC										DC
G 1/8	3,2	0	-	5	-	5	0,25	L177V07	Z610A	-	-	6	FPM	-	
			5	1	5	1		L177V08	Z614A	16	10				1 - 2

► **NOTES**

- Sealings: FPM = Fluoro-carbon elastomer
- 1 - Suitable for operation with vacuum at port A (-1 bar relative pressure)
- 2 - Suitable for 2,6 bar back-pressure against the seal.

L177V07-V08

► SPARE PARTS



Kit description

Core Kit	L177V07
	L177V08
Core return spring kit	L177V07
	L177V08

Kit P.N.

G3014901
G3010401
G3003301
G3010101
G3151601
Z610A
Z614A

Consisting of:

Core pos.2
OR guide assembly pos.4
N.10 core return spring pos.3
Guide pipe assembly pos.5
Coil clip
Coil pos.1

► INSTALLATION

- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.