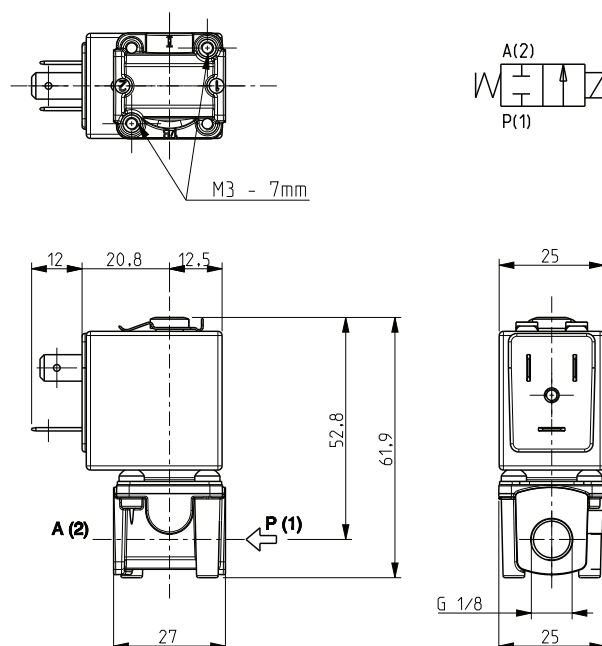


ASCO™ SOLENOID VALVE

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

SERIES
L177



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	-10°C +90°C (NBR) 0°C +130°C (FPM) -10°C +140°C (EPDM)
Max viscosity	5°E (~37 cStokes or mm²/s)

Materials in Contact with Fluid	
Body	Brass
Sealing	NBR or FPM or EPDM
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	F (155°C) – on request class H (180°C) - UL	
Ambient temperature	-10°C +60°C	
Electric connections	DIN 46340 - 3 poles plug connectors	
Protection degree	IP 65 (EN 60529) with plug connectors	
Voltages	DC	12-24V (+10% -5%)
	AC	24V/50-60Hz - 110V/50-60Hz (120V/60Hz)
		230V/50-60Hz (+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				AC (VA)				DC (W)					
			Gases		Liquids		Inrush		Holding							
			AC	DC	AC	DC										
G 1/8	1,6	0	30	20	30	20	0,09	L177B04	Z610A	16	10	6	NBR	-	0,170	
								L177V04					FPM	-		
	2,3		13	6	12	5	0,14	L177B04					NBR	-		
								L177D04					EPDM	1		
								L177V04					FPM	-		
								3,2					7	1,4		6
	L177V04		FPM	1												

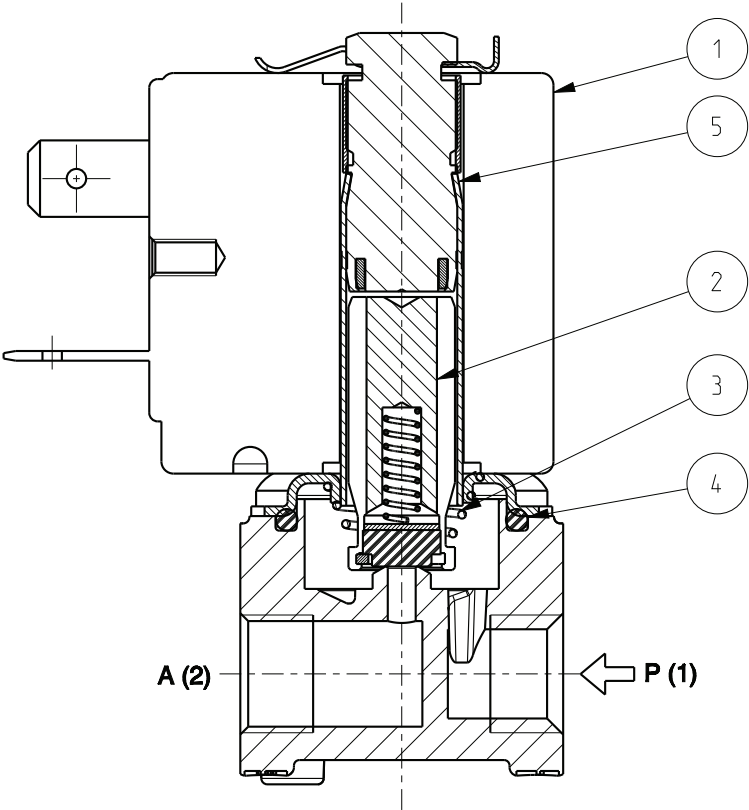
Notes

- Sealings: NBR = Nitrile-butylene elastomer FPM = Fluoro-carbon elastomer EPDM = Ethylene-propylene elastomer
- 1 - Model available on request only: ask for minimum quantity.

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Spare Parts



Kit description	Model	Kit P.N.	Consisting of:
Core kit	L177B04	G2937301	Core pos.2 OR guide assembly pos.4
	L177D04	G2937305	
	L177V04	G2937303	
Core return spring kit		G2927101	N.10 core return spring pos.3
Guide assembly kit		G3151601	Guide assembly pos.5 Coil clip
Coil		Z610A	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