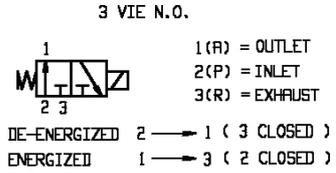
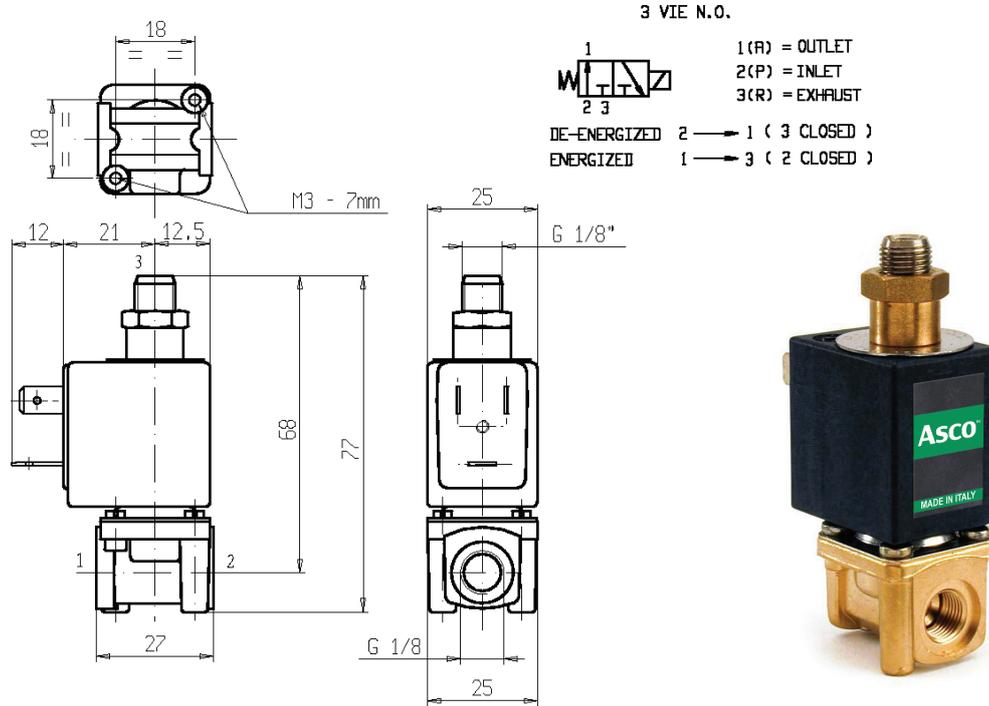


ASCO™ SOLENOID VALVE

3/2 NORMALLY OPEN – DIRECT ACTING - G 1/8

SERIES
L331



General Features

Direct acting solenoid valve, small body size.
Suitable for pneumatic and hydraulic circuits and to operate single-acting cylinders.
Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features	
Maximum allowable pressure (PS)	30 bar
Opening time	~15ms
Closing time	~15ms
Fluid temperature	0°C +90°C
Max viscosity	5°E (~37 cStokes or mm ² /s)

Materials in Contact with Fluid	
Body	Brass
Sealing	NBR/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	F (155°C)	
Ambient temperature	-10°C +60 °C	
Electric connections	DIN 46340 - 3 poles connectors	
Protection degree	IP 65 (EN 60529) with plug connector	
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 (m ³ /h)	Series and type		Power absorption			Sealings	Notes	Weight (kg)
		Ap min	Ap max		Valve		Coil	AC (VA)		DC (W)				
			Gases	Liquids				Inrush	Holding					
G 1/8	1,6	0	AC	DC	AC	DC	L331B24	Z610A	16	10	6	NBR	-	0,170

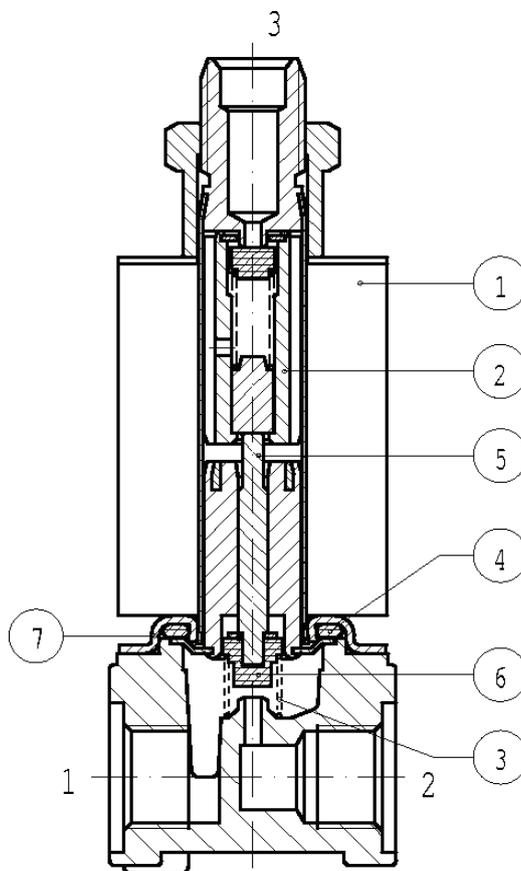
Notes

- Sealings : NBR = Nitrile-butylene elastomer
- In case of disassembling of the coil, the fixing bolt has to be tightened at 3 Nm max. torque.

**SERIES
L331**

ASCO™ SOLENOID VALVE
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Spare Parts



Kit description	Kit P.N.	Consisting of:
Core kit	G2559601	Core pos.2 Push-rod pos.5 Sealing return spring pos. 3 O-Ring guide assembly pos.4
Core spring sealing kit	G2334101	N.10 sealing return spring pos.3
O-rings guide assembly	GU2421000015	N.10 O-rings guide assembly pos.4
Sealing kit	G2321801	N. 10 sealing pos.6
Guide assembly	2332801R	Guide assembly pos. 7
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