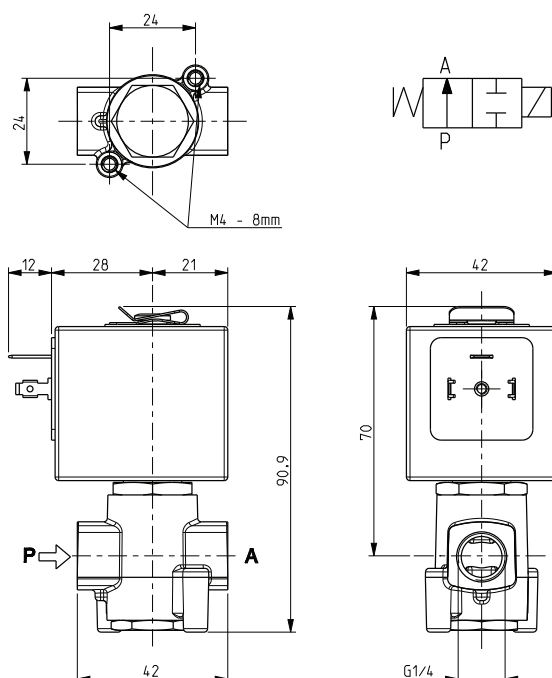


ASCO™ SOLENOID VALVE

2/2 NORMALLY OPEN – DIRECT ACTING - G 1/4

SERIES
L256



General Features

Direct acting solenoid valve, suitable for vacuum at port "P" (PA – PP = 1 bar)

Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

Technical Features

Maximum allowable pressure (PS)	40 bar
Opening time	~30ms
Closing time	~30ms
Fluid temperature	-10°C +170°C (stainless steel) 0°C +130°C (FPM)
Max viscosity	5°E (~37 cStokes or mm ² /s)

Materials in Contact with Fluid

Body	Brass
Sealing	Stainless steel or FPM
Internal components	Stainless steel
Seat	Brass or stainless steel
Core tube	Stainless steel
Shading coil	Copper

Coil

Continuous duty		ED 100%
Encapsulation material		PET (polyethylene terephthalate) fiberglass reinforced
Insulation class		F (140°C) on request class H (165°C) - UL
Ambient temperature		-10°C +60°C
Electric connection		DIN 46340 - 3 poles connectors (DIN 43650)
Protection degree		IP 65 (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 (kgs)
		Δp min	Δp max												
			Gases		Liquids										
			AC	DC	AC	DC		Valve	Coil	AC (VA)		DC (W)			
								Inrush	Holding						
G 1/4	3	0	-	-	30	30	0,22	L256M02	Z130A	44	24	13	Stainless steel	1 – 2 – 3	0,535
	3,2		12	12	10	10	0,30	L256V01					FPM	3	
	4.5		5	5	4	4	0.45								

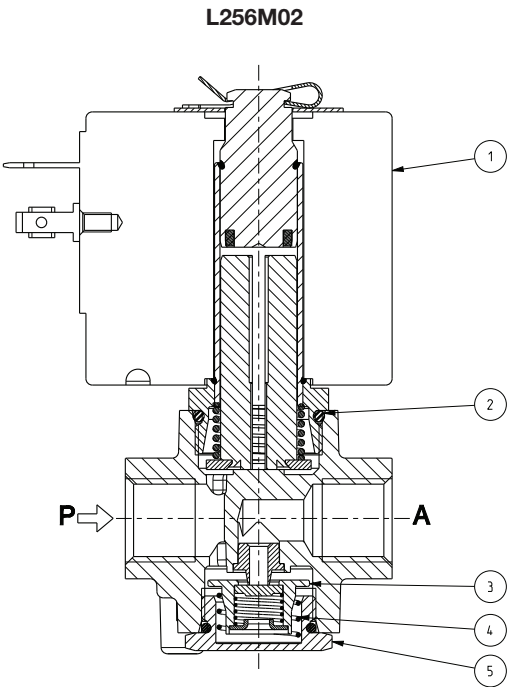
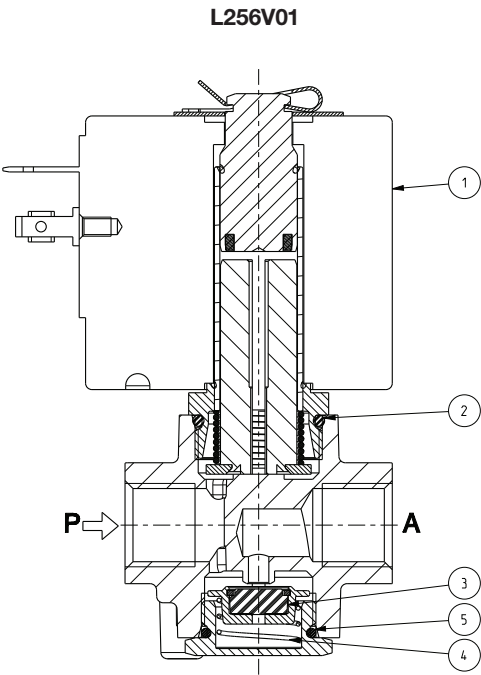
Notes

- Sealings : FPM = Fluoro-carbon elastomer
- 1 - Stainless steel seat. Particularly suitable for hydraulic and fuel oils.
- 2 - On request coil type Z134A, class "H" (+165°C) maximum ambient temperature +80°C – UL approval.
- 3 - OR between core armature and body in FPM.

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Spare Parts



Kit description	Model	Diameter	Kit P.N.	Consisting of:
Core sealing assembly kit	L256M02		G3093201	Sealing group pos.3
	L256V01	Ø 3,2	G3093101	Sealing return spring pos.4
	L256V01	Ø 4,5	G3093104	OR cap pos. 5
OR guide assembly kit			GU2424000017	Nº.10 OR guide assembly pos. 2
OR cap kit			GU2424000155	Nº.10 OR cap pos.5
Coil			Z130A	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