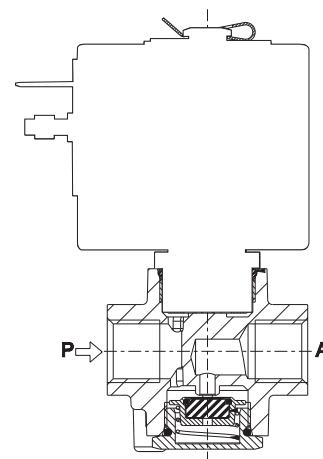
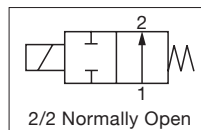


ASCO™ MINIATURE SOLENOID VALVES

GENERAL SERVICE VALVES

SERIES
L256

- 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), particularly suitable in the applications in sterilising autoclaves.
- Typical applications include:
 - Oil burners
 - Air compressor
 - Water steam sterilizers,
 - Gas oil burners
 - Naphta burners



General Valve Information

Body	Brass or chemically nickel coated (Ni-P) brass
Seals*	FKM, Stainless steel or CR70N
Internal Components	Stainless Steel
Seat	Brass or Stainless Steel
Core Tube	Stainless Steel
Shading coil	Copper
Fluids	Liquids or gases
Fluid temperature	-10°C +170°C (stainless steel) 0°C +130°C (FKM) -10°C +90°C (CR70N)
Differential pressure	see "Specifications" [1 bar = 100 kPa]
Response time	~ 20-30ms
Max. Viscosity	37 cSt (mm²/s)

* Ensure that the compatibility of the materials in contact with the fluids is verified

Electrical Characteristics

		ZA130A	ZA10A (UL class F - for UL cl.H: ZA34 (E153691))
Continuous duty		ED 100%	ED 100%
Coil Insulation Class		F (140°C), on request class H (165°C) - UL	F (155°C) on request class H (180°C)
Connector		DIN 46340 - 3 pole connector (DIN 43650)	DIN 46340 - 3 pole connector (DIN 43650)
Encapsulation material		PET (polyethylene terephthalate) fiberglass reinforced	PPS (polyphenylsulfure) fiberglass reinforced
Electrical Enclosure Protection		Molded IP65 (EN 60529)	IP67 (EN60529) with plug connector
Standard Voltages *	DC	12-24 V (+10% -5%)	12-24 V (+10% -5%)
	AC	24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz (+10% -15%)	24V/50Hz - 110V/50Hz (120V/60Hz) - 230V/50Hz (+10% -15%)

*Other voltages and frequencies on request

Specifications

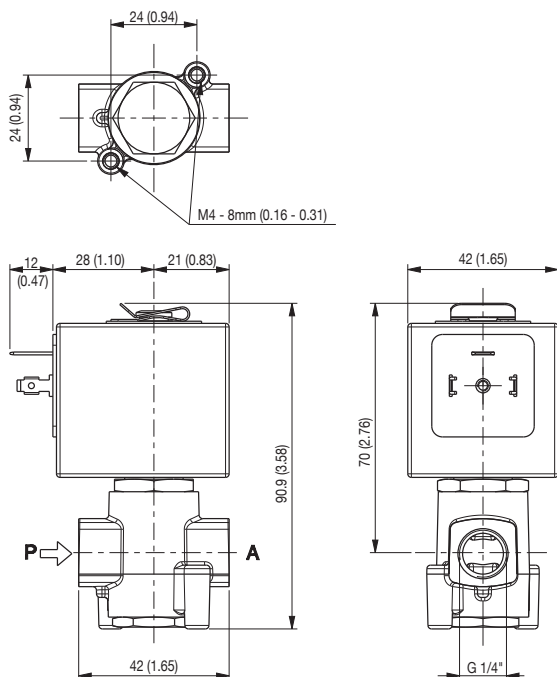
Pipe Connection	Orifice Size	Flow Coefficient		Operating Pressure bar		Power Rating (W)			Catalog Number		Body Material	Seat Materials	Sealing Materials	
				min.	max.		AC (VA)		DC (W)	Threaded Body				
					Gases	Liquids	Inrush	Holding						Coil
G 1/4	3	0.22	0.25	0	-	30	44	24	13	L256M02	Z130A	Brass	Stainless Steel	Stainless Steel
	3.2	0.3	0.35		12	10				L256V01			Brass	FKM
	4.5	0.45	0.52		5	4								
G 1/4	3.2	0.3	0.35	0	4	4	23	14	9	L256V12 (*)	ZA10A	Chemically nickel coated (Ni-P) brass	Stainless Steel	FKM
					L256V14 (*)									
	4.5	0.45	0.52		2.5	2.5				L256V12				
G1/8	1.6	0.08	0.09	0	25	22	23	14	9	L256N07	ZA10A	Brass	Brass	CR70N
1/4 NPT	3.2	0.3	0.35	0	12	10	44	24	13	L256V09	Z130A	Brass	Brass	FKM

(*) Only for use with steam, consider following values: max pressure 2.8 bar (max fluid temperature 130° C)

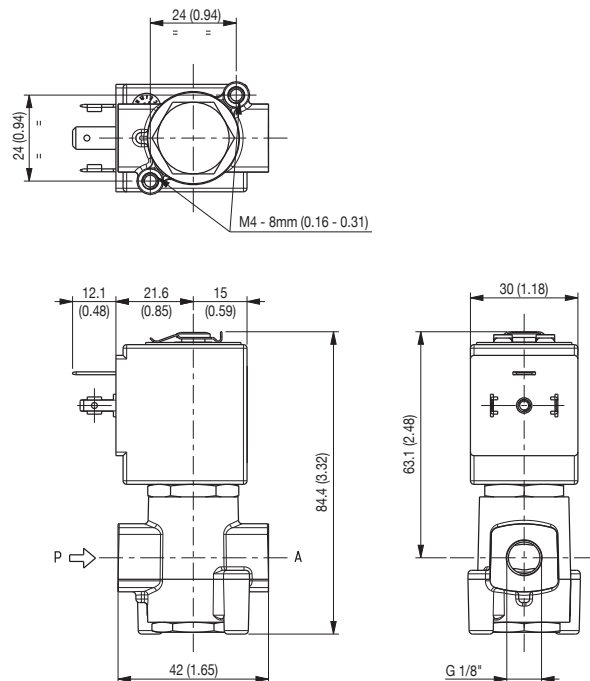
01090GB-2019-R01

Dimensions: mm (inches)

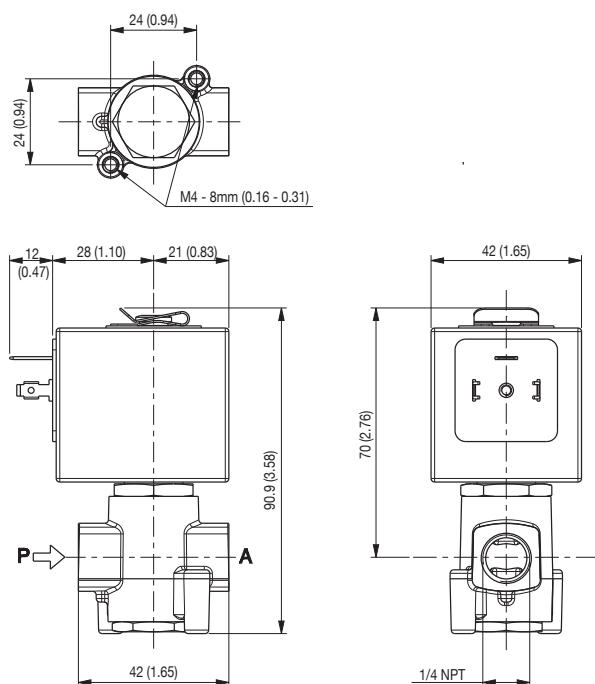
L256V01 / L256MO2



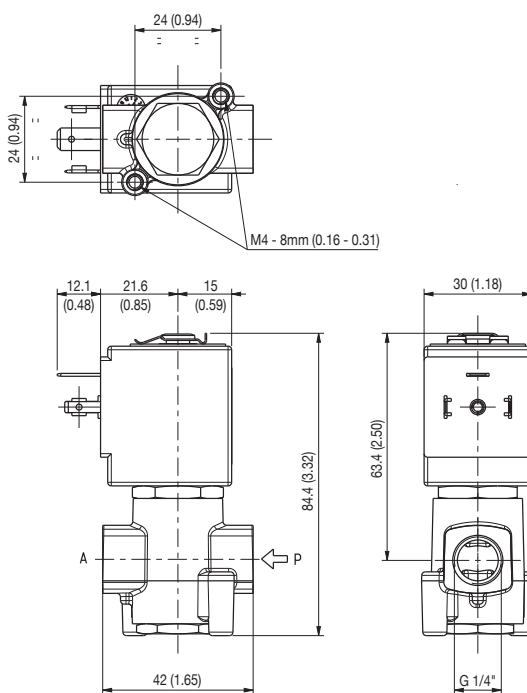
L256N07



L256V09



L256V12 / L256V14



Spare Part Kits

L256V01 / L256M02

Kit description	Model	Diameter	Kit P.N.	Consisting of:
Core sealing assembly kit	L256M02		G3093201	Sealing group
	L256V01	Ø 3.2	G3093101	Sealing return spring
	L256V01	Ø 4.5	G3093104	OR cap
OR guide assembly kit			GU2424000017	N°.10 OR guide assembly
OR cap kit			GU2424000155	N°.10 OR cap
Coil			Z130A	Coil

L256N07

Kit description	Kit P.N.	Consisting of:
Sealing assembly kit	G3093103	Sealing group Sealing return spring OR cap
OR guide assembly kit	GU2445000017	N°.10 OR guide assembly
OR cap kit	GU2445000155	N°.10 OR cap
Coil	ZA10A	Coil

L256V09

Kit description	Kit P.N.	Consisting of:
Core sealing assembly kit	G3093101	Sealing group Sealing return spring OR cap
OR guide assembly kit	GU2424000017	N°.10 OR guide assembly
OR cap kit	GU2424000155	N°.10 OR cap
Coil	Z130A	Coil

L256V12 / L256V14

Kit description	Kit P.N.	Consisting of:
Sealing assembly kit	G3124301	Sealing group Sealing return spring OR cap
OR guide assembly kit	GU2424000017	N°.10 OR guide assembly
OR cap kit	GU2424000155	N°.10 OR cap
Coil	ZA10A	Coil

Installation

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

