

SIRAI ELETTROMECCANICA S.r.I.

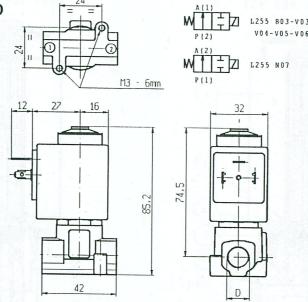
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2/2 **SOLENOID VALVE** Normally open

Series Coil

L255 Z110A 1/8 - 1/4

NON STANDARD



FEATURES - Direct acting solenoid valve designed to shut off liquid and gazeous media compatible with the valve materials.

MOUNTING - In any position, vertical with coil upwards preferred.

VALVE - Brass body. Internal parts in stainless steel. Seals as per table. Models with both seal and seat in stainless steel. Medium temperature from -10°C to +90 (NBR), from 0°C to +130°C (FPM), from - 5°C to +80°C (CR70N). Viscosity max 5°E (~37cStokes or mm2/s). Opening time ~20ms. Closing time ~20ms.

COIL - Rated for continuous duty in AC (alternate current) or DC (direct current). Coil in class "F" (+155°C) wound by class "H" wires (+180°C) vacuum impregnated by polyester resin encapsulated into glass fibre reinforced PBT (polybutyleneterephtalate).

Ambient temperature from -10°C to +60°C.

Standard voltages 24-110-220-230V/50Hz and 12-24V DC.

Voltage tolerance +10% -15% AC and +10% -5% DC.

Electric plug connection (DIN 46340) or suitable for connectors (DIN 43650).

Protection degree IP65 as per EN 60529 if the coil is duly fitted with its plug connector.

D ISO 228	Orifice size (mm)	Max pressure (bar)				Kv (m ³ /h)	Series and type		Power absorption			eris puntil		
		Gases		Liquids			Valve	Coil	AC (VA)		DC	Seals	Notes	Weight
		AC	DC	AC	DC		Valve	Coll	Inrush	Holding	(W)			(kg)
G 1/8	1,6	25	25	22	22	0,08	L255N07	- Z510A	23	14	9			
	2	21	21	21	21	0,12						CR70N	1384 <u>1</u> 3 13813	
	2,3	15	15	12	12	0,16								
G 1/4	3,2	5	5	5	5	0,30	L255B03					NBR		
							L255V03					124 826 193	2-3	0,365
							L255V04					FPM	2-3-4	
							L244V06						2-3-4- 5	
	4,5	2,5	2,5	2,5	2,5	0,45	L255B03					NBR		
							L255V03					FPM	2-3	
							L255V04						2-3-4	
				•		il State of	L255V05			-			2-3-4-	

- NOTES Seal: NBR
 - = Nitrile-butylene elastomer
- FPM = Fluoro-carbon elastomer
- CR70N = Chloroprenic elastomer - Other voltages and frequencies on request.
- On request coil type Z114A molded in PPS (polyphenylsulfure) class "H" (+180°C) ambient temperature +80°C.
- 1 Version suitable for refrigerating media i.e. CFC 12 and HFC 134a.
- 2 The use of these valves with free outlet reduces the max pressure by ~30%: the max. pressure is unchanged if the valve is closed i.e. with energized coil.
- 3 Suitable for vacuum at port "P" (Poutlet P Pinlet = 1 bar)
- 4 With stainless steel seat.
- 5 Both boby and shading ring are chemically nickel coated (Ni-P).
- 6 Silent model.