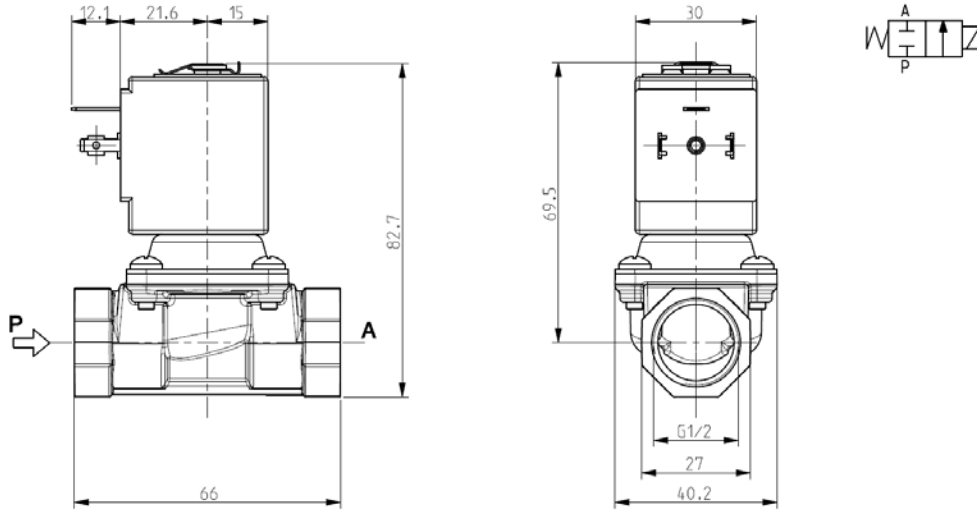




**SOLENOID VALVE**  
**2/2 - NC (Normally closed)**  
**Direct acting**  
**G 1/2**

L113



► **GENERAL FEATURES**

Direct acting solenoid valve with full orifice, for low pressure.  
 Suitable to shut off liquid and gaseous fluids (verify the compatibility of fluid with materials in contact).

► **TECHNICAL FEATURES**

*Maximum allowable pressure (PS)* 2 bar  
*Opening time* ~30ms  
*Closing time* ~30ms  
*Fluid temperature* 0°C +130°C  
*Max viscosity* 5°E (~37 cStokes or mm<sup>2</sup>/s)

► **MATERIALS IN CONTACT WITH FLUID**

*Body* Brass  
*Sealing* FPM  
*Internal components* Stainless steel and brass  
*Seat* Brass  
*Core tube* Stainless steel  
*Shading coil* Copper

► **COIL**

*Continuous duty* ED 100%  
*Encapsulation material* PPS (Polyphenilsulfure) fiberglass reinforced  
*Insulation class* F (155°C) on request class H (180°C) – UL (vd. ZA34A)  
*Ambient temperature* -10°C +50°C  
*Electric connections* DIN 46340 - 3 poles connectors (EN175301-803)  
*Protection degree* IP 67 (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)

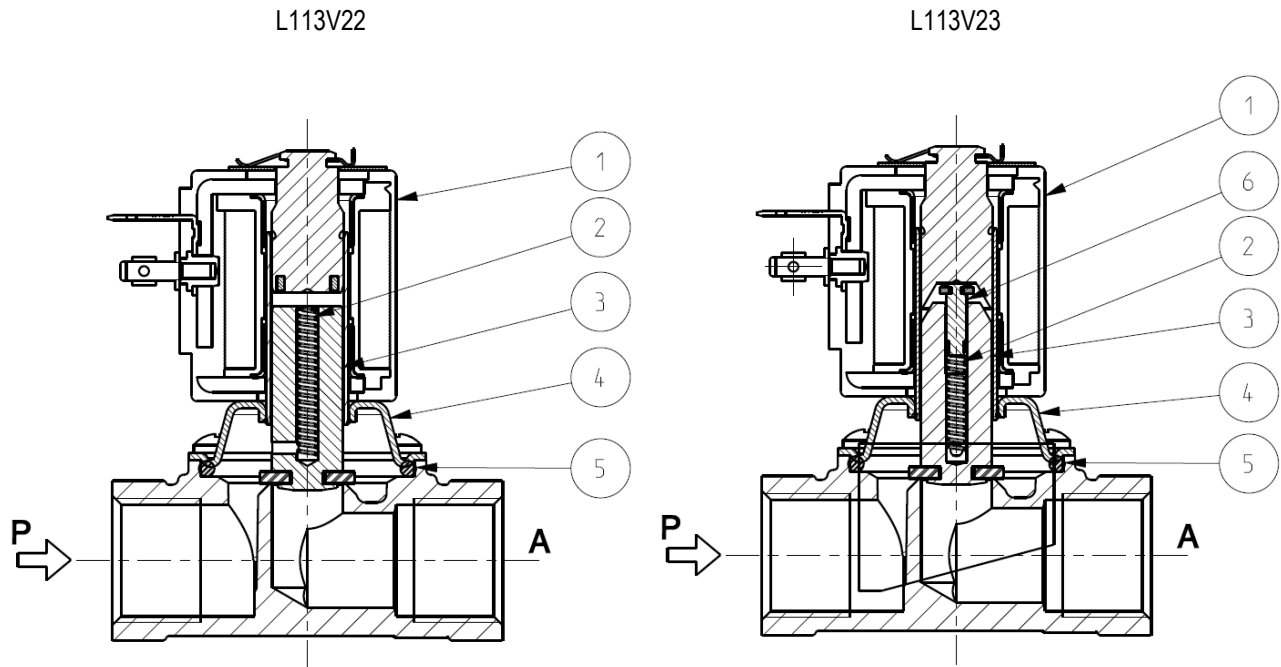
Port size ISO 228	Orifice size (mm)	Differential pressure (bar)				Kv (m <sup>3</sup> /h)	Series and type		Power absorption			Sealings	Function Notes	Weight (kg)
		Δp min	Δp max		Valve		Coil	AC (VA)		DC (W)				
			Gases	Liquids				Inrush	Holding					
G 1/2	12	0	0,30	-	0,30	-	L113V22 L113V23	ZA10A	23	14	-	FPM	1	0,390
			-	0,20	-	0,20			-	-	9		1 - 2	

► **NOTES**

- Sealings : FPM = Fluoro-carbon elastomer  
 1 - IMQ CSV approval, see ZA10 datasheet for further details  
 2 - Silent model; only for direct current (DC).

# L113

## ► SPARE PARTS



### Kit description

Core kit

L113V22  
L113V23

### Kit P.N.

3127802  
3127902

### Consisting of:

Core pos.3  
Core return spring pos.2  
OR guide assembly pos. 5  
Pushing-pin pos. 6 (L113V23)

Guide pipe assembly kit

L113V22  
L113V23

G31496  
G31497

Guide pipe assembly pos. 4  
Coil clip

Coil

L113V22-V23

ZA10A

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.