



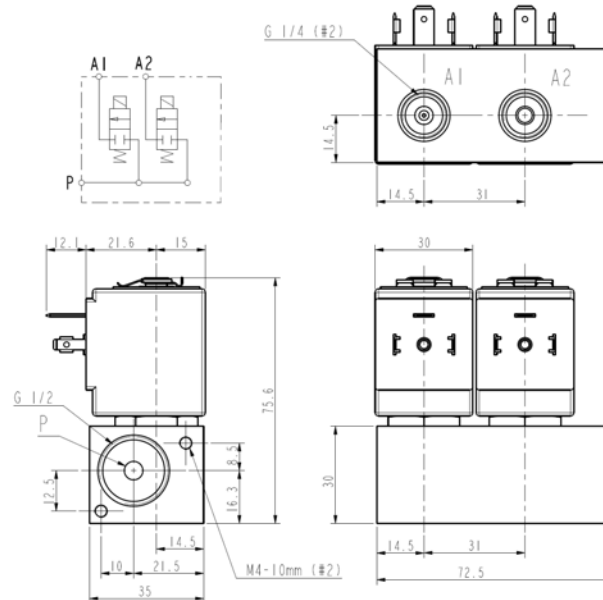
## MANIFOLD WITH 2 ACTUATORS

2/2 - NC (Normally closed)

Direct acting

G1/2 (P) – G1/4 (A1-A2)

**L621B03-V04**



### ► GENERAL FEATURES

Direct acting manifold with 2 actuators, L621V04 complying with NSF standards.

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 ~20ms  
Closing time ~20ms  
Fluid temperature -10°C +90°C (NBR)  
0°C +130°C (FPM)  
Max viscosity 5°E (37 cStokes or mm<sup>2</sup>/s)

### ► MATERIALS IN CONTACT WITH FLUID

Body L621B03 - Brass  
L621V04 - Brass with chemical nickel coating (Ni-P)  
Sealing NBR or FPM  
Internal components Stainless steel  
Seat Brass  
Core tube Stainless steel  
Shading coil Copper

### ► COIL

Approval UL (class F) – for UL cl.H: ZA34  
Continuous duty ED 100%  
Encapsulation material PPS (Polyphenylsulfure) fiberglass reinforced  
Insulation class F (155°C) on request cl.H (180°C)  
Ambient temperature -10°C +50°C  
Electric connections DIN 46340 - 3 poles connectors (DIN 53650)  
Protection degree IP 67 (EN 60529) with plug connector  
Voltages DC 24V/50Hz • 110V/50Hz (120V/60Hz) • 230V/50Hz (+10% -15%)  
(Other voltages on request)

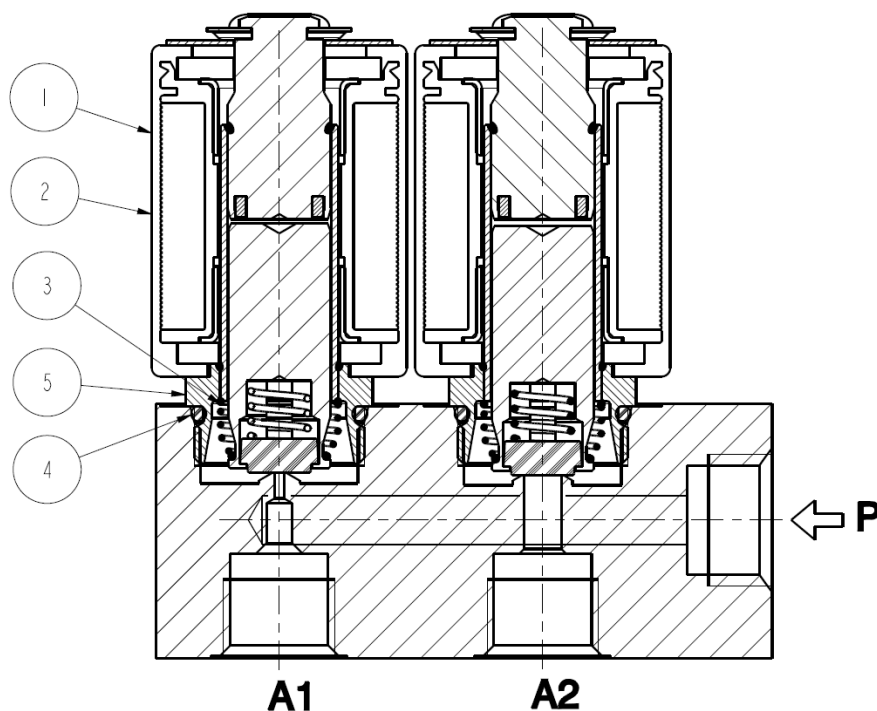
| Port size<br>ISO-228 | Orifice<br>size<br>(mm) | Differential pressure (bar) |        |    |         | Kv<br>(m³/h) ▲ | Series and type |         | Power absorption ■ |         |           | Sealings | Notes | Weight<br>(kg) |       |
|----------------------|-------------------------|-----------------------------|--------|----|---------|----------------|-----------------|---------|--------------------|---------|-----------|----------|-------|----------------|-------|
|                      |                         | Δp<br>min                   | Δp max |    |         |                |                 |         | AC (VA)            |         | DC<br>(W) |          |       |                |       |
|                      |                         |                             | Gases  |    | Liquids |                | Valve           | Coil    | Inrush             | Holding |           |          |       |                |       |
|                      |                         |                             | AC     | DC | AC      |                |                 |         |                    |         | DC        |          |       |                |       |
| P=G1/2<br>A1-A2=G1/4 | A1=1,1                  | 0                           | 6      | -  | 6       | -              | 0,05            | L621B03 | ZA10A              | 23      | 14        | -        | NBR   | -              | 0,910 |
|                      | A2=4,5                  |                             |        |    |         |                | 0,50            |         |                    |         |           |          |       |                |       |
|                      | A1=1,1                  |                             |        |    |         |                | 0,05            | L621V04 |                    |         |           |          |       |                |       |
|                      | A2=4,5                  |                             |        |    |         |                | 0,50            |         |                    |         |           |          |       |                |       |

▲ - Value referred to each single actuator. - ■ - Power absorption of a single coil.

### ► NOTES

- Sealings: NBR = Nitril-butylene elastomer FPM=Fluoro-carbon elastomer (complying with FDA standards)
- IMQ CSV approval, see ZA10 datasheet for further details
- UL approved coil (E153691)

## ► SPARE PARTS



### Kit description

### Kit P.N.

### Consisting of:

|                         |                    |                              |                                                                       |
|-------------------------|--------------------|------------------------------|-----------------------------------------------------------------------|
| Core kit                | L621B03<br>L621V04 | G3022804<br>G3022803         | Core (with core return spring) pos. 2<br>O-ring guide assembly pos. 4 |
| Core return spring kit  |                    | G3022401                     | N.10 core return spring pos. 3                                        |
| OR guide assembly kit   | L621B03<br>L621V04 | GU2421000017<br>GU2424000017 | N.10 O-ring guide assembly pos. 4                                     |
| Guide pipe assembly kit |                    | G31486                       | Guide pipe assembly pos. 5<br>Coil clip                               |
| Coil                    |                    | ZA10A                        | Coil pos. 1                                                           |

## ► MOUNTING

Manifold can be mounted in any position; vertical with coils upwards preferred.

THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATES ARE AVAILABLE ON REQUEST.