



## 2/2 Brass High Pressure Solenoid Valve 1-100 Bar

- Sizes 1/8" to 3/8"
- Normally Closed Function
- Media temperature -30°C to 100°C
- Media : Air, Water, Gas & Light Oil
- Brass Body, PTFE/NBR Seal/Gasket
- Supplied with Plug Connector

### Description

The SV5224 is a reliable servo assisted brass solenoid valve, specifically designed for high pressures up to 100 Bar. Used on many applications with media such as, air, water, natural gas and light oils. Offered in sizes from 1/8" to 3/8" screwed BSPP. The valve has PTFE / NBR seals and gaskets, with other materials available. The valve should be mounted with the coil in the upright position and opening / closing time 100 milli second. Maximum media viscosity is 50 centistokes.

- **Media: Air, water, light oil, gas,**
- Pressure range: 1 to 100 bar max
- Media temperature: -30° to 100°C max
- Ambient temperature: -20° to +60° C max
- Media viscosity: 50 centistokes max
- Mounting: Coil Upright
- Opening Closing time: 100 m Sec max
- Body: Brass
- Seal & Gaskets: PTFE/NBR



### Description

Servo assisted brass solenoid valve. Suitable for pressures up to 100 bar, requiring 1 bar differential pressure. Used with media such as compressed air, water, light oils and gas. IP65 protected when connector fitted. PTFE and NBR seals and gaskets with St.St internals.



### Beschreibung

Servounterstütztes Magnetventil aus Messing. Geeignet für Drücke bis 100 bar, erfordert 1 bar Differenzdruck. Einsatz bei Medien wie Druckluft, Wasser, Leichtöle und Gas. IP65-geschützt bei montiertem Stecker. PTFE- und NBR-Dichtungen und Dichtungen mit Innenteilen aus Edelstahl.



### Descripción

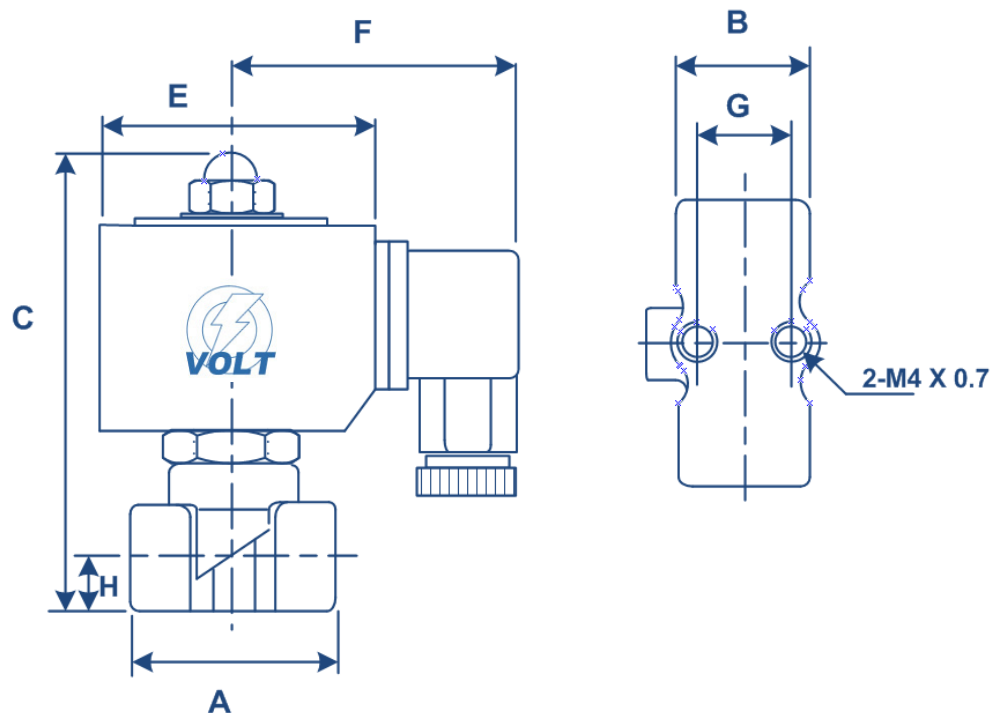
Electroválvula de latón servoasistida. Adecuado para presiones de hasta 100 bar, que requieren una presión diferencial de 1 bar. Se utiliza con medios como aire comprimido, agua, aceites ligeros y gas. Protegido IP65 cuando el conector está instalado. Sellos y juntas de PTFE y NBR con internos de St.St.



### Description

Électrovanne en laiton assistée par servo. Convient pour des pressions jusqu'à 100 bar, nécessitant une pression différentielle de 1 bar. Utilisé avec des fluides tels que l'air comprimé, l'eau, les huiles légères et le gaz. Protection IP65 lorsque le connecteur est installé. Joints et garnitures en PTFE et NBR avec pièces internes en acier inoxydable.

- Servo Assisted
- 1-100 Bar
- Normally Closed
- Good for Air and Liquids
- Supplied with plug
- Various Voltages
- PTFE Seals



### Seal Material

100° C

PTFE

### Construction

|                       |                            |
|-----------------------|----------------------------|
| Body                  | Brass                      |
| Tube & Internal Parts | AISI 304 Stainless Steel   |
| Armature              | 430F Stainless Steel       |
| Shading Ring          | Copper (StSt Option)       |
| Seals and gaskets     | PTFE+NBR (other available) |
| Moulded Coil          | Resin                      |

IP65 CSA + UL Approved Coil & IP65 LED Connector  
PG11 – DIN 43650 A

### Electrical Data

| Electrical Data                              |      |                   |         |                     |                                               |
|----------------------------------------------|------|-------------------|---------|---------------------|-----------------------------------------------|
| Voltage (-10% + 10%)<br>Continuous duty 100% | Coil | Power Consumption |         | Insulation<br>Class | Electrical<br>Connections                     |
|                                              |      | Inrush            | Hold    |                     |                                               |
| 24 - 48 – 110 – 220 (50 or 60 Hz)            | WPG2 | 18.7VA            | 15.3 VA | H 180°C             | 3 Pins<br>Din 43650A<br>Din 40050<br>VDE 0110 |
| 12 – 24 - 48 (DC)                            |      | 18 Watts          |         |                     |                                               |

### SPECIFICATIONS

| Port | Orifice | Kv<br>Ltr/min | Pressure Rating (Bar) |     | Weight<br>Kg | Dimensions |    |    |    |    |    |    |
|------|---------|---------------|-----------------------|-----|--------------|------------|----|----|----|----|----|----|
|      |         |               | Min                   | Max |              |            |    |    |    |    |    |    |
| 1/8" | 5       | 9.15          | 1                     | 100 | 0.53         | A          | B  | C  | E  | F  | G  | H  |
| 1/4" | 5       | 9.15          | 1                     | 100 | 0.53         | 41         | 19 | 88 | 58 | 65 | 15 | 11 |
| 3/8" | 5       | 9.15          | 1                     | 100 | 0.58         | 41         | 19 | 88 | 58 | 65 | 15 | 11 |
|      |         |               |                       |     |              | 50         | 25 | 91 | 58 | 65 | 15 | 11 |

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