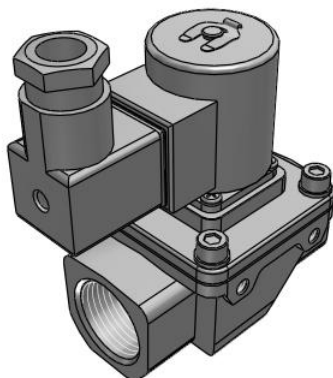




## JSXZ, Zero Differential Pressure Type Pilot Operated JSXZ61-CN10F-JDS

Datasheet

### General series information

- Applicable fluid: air, water, oil
- Flow rate up to 460 l/min (water)
- Orifice diameter: 10 to 25 mm
- Port size: 1/4" to 1"
- Body material: stainless steel, brass and aluminium
- Coil material: stainless steel
- Enclosure: IP67.



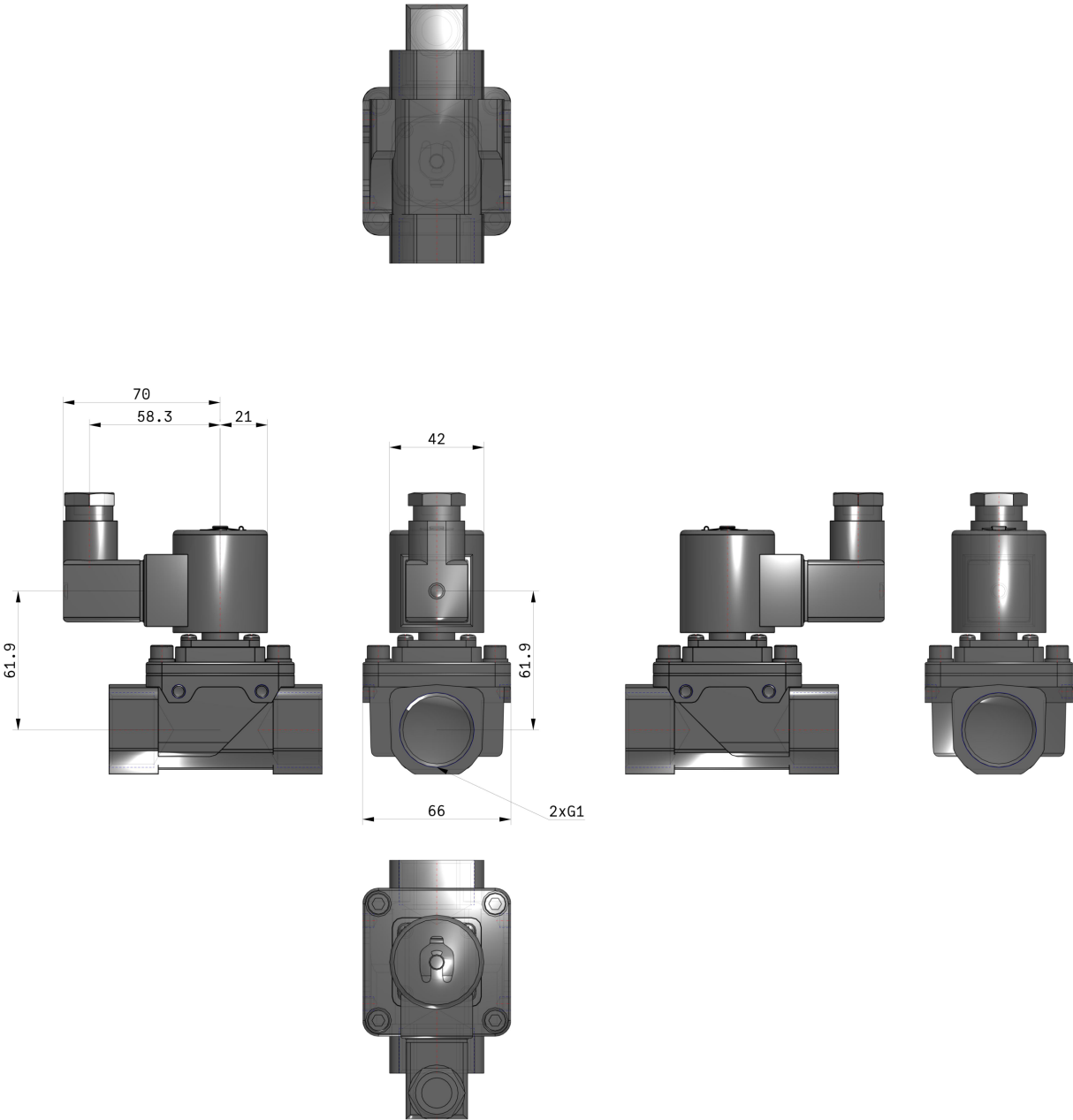
*Directional control valve 2/2-way valve, closed normal position With a combination control by solenoid and pilot valve control Return with mechanical control spring*

### Standard specifications

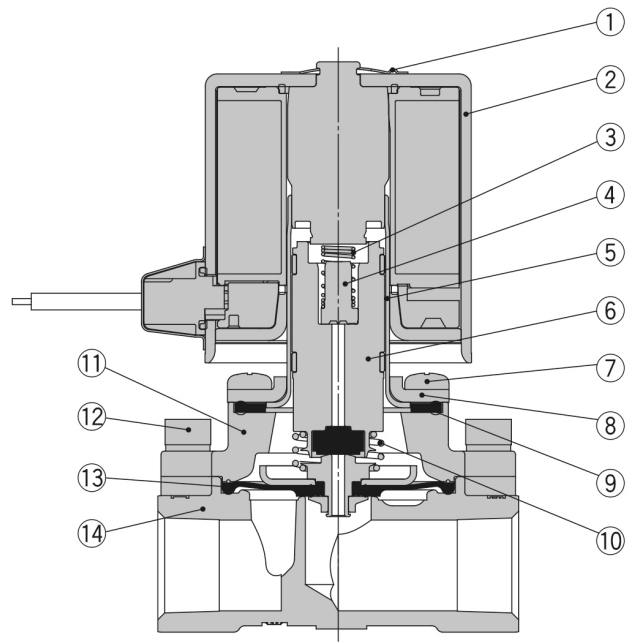
|                                        |                                               |
|----------------------------------------|-----------------------------------------------|
| Size                                   | 6 (60)                                        |
| Body Material                          | C (Brass)                                     |
| Seal Material                          | N (NBR)                                       |
| Port Size                              | 10 (1)                                        |
| Thread Type                            | F (G)                                         |
| Rated voltage                          | J (230 VAC)                                   |
| Electrical Entry                       | DS (DIN Terminal, w/Surge Voltage Suppressor) |
| Oil-free Option                        | None                                          |
| Bracket                                | None                                          |
| Maximum temperature of pressure medium | 60 C                                          |
| Minimum temperature of pressure medium | Air: -10 C, Water: 1 C, Oil: -5 C             |
| Maximum operating pressure             | 1 MPa                                         |
| Proof pressure                         | 2.0 MPa                                       |
| Maximum ambient temperature            | 60 C                                          |
| Minimum ambient temperature            | -20 C                                         |
| Conform to the European RoHS Directive | Conform                                       |

|                               |                                          |
|-------------------------------|------------------------------------------|
| Enclosure                     | IP67 (IP65 for the DIN terminal)         |
| Allowable voltage fluctuation | 10% of rated voltage                     |
| Allowable leakage voltage     | 5 % or less of the rated voltage         |
| Apparent power                | 16 VA                                    |
| Temperature rise              | 70 C                                     |
| Valve Leakage                 | Air: 1 cm/min, Water and Oil: 0.1 cm/min |
| Weight                        | 0.000 Kg                                 |

Dimensions



Constructions



Component Parts

| No. | Description        | Material                              |       |           |
|-----|--------------------|---------------------------------------|-------|-----------|
|     |                    |                                       | Brass | Stainless |
| 1   | Clip               | Stainless steel                       |       |           |
| 2   | Solenoid coil      | Stainless steel, Cu, Resin            |       |           |
| 3   | Spring             | Stainless steel                       |       |           |
| 4   | Stopper            | PPS                                   |       |           |
| 5   | Tube assembly      | Stainless steel                       |       |           |
| 6   | Armature assembly  | Stainless steel, PPS, NBR (FKM, EPDM) |       |           |
| 7   | Mounting screw     | Fe                                    |       |           |
| 8   | Bonnet             | Stainless steel                       |       |           |
| 9   | Gasket             | NBR (FKM, EPDM)                       |       |           |
| 10  | Lift spring        | Stainless steel                       |       |           |
| 11  | Bonnet             | Aluminium                             | Brass | Stainless |
| 12  | Bolt               | Fe                                    |       |           |
| 13  | Diaphragm assembly | Stainless steel, NBR (FKM, EPDM)      |       |           |
| 14  | Body               | Aluminium                             | Brass | Stainless |

\*1 Size 30 only

## Additional information

|                           |                                            |
|---------------------------|--------------------------------------------|
| Catalogue                 | <a href="#">JSX-C_EU.pdf</a>               |
| Declaration of conformity | <a href="#">newDoC_JSXZ_TF122130EN.pdf</a> |
| Installation manuals      | <a href="#">IM_JSXZ_TF222-050EN.pdf</a>    |