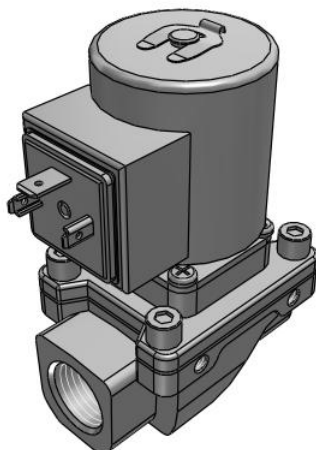


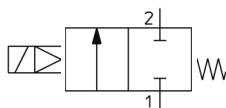


## JSXZ, Zero Differential Pressure Type Pilot Operated, N.C. JSXZ41-CN04F-5DN

### Datasheet

### General series information

- Applicable fluid: air, water, oil
- Flow rate up to 145 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.



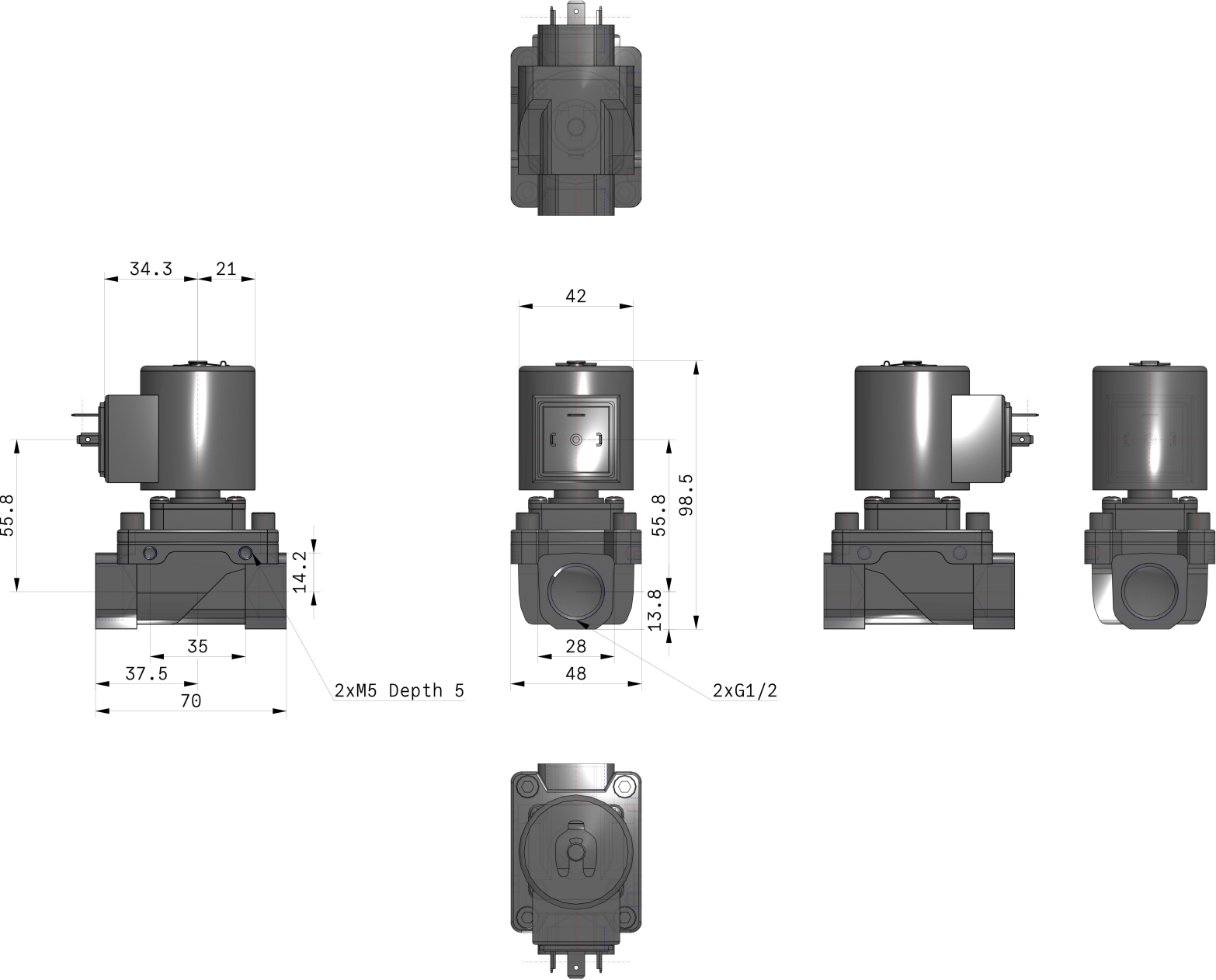
*Directional control valve 2/2-way valve, closed normal position With a combination control by solenoid and pilot valve control Return with mechanical control spring*

### Standard specifications

|                                        |                                                             |
|----------------------------------------|-------------------------------------------------------------|
| Size                                   | 4 (40)                                                      |
| Body Material                          | C (Brass)                                                   |
| Seal Material                          | N (NBR)                                                     |
| Port Size                              | 04 (1/2)                                                    |
| Thread Type                            | F (G)                                                       |
| Rated voltage                          | 5 (24 VDC)                                                  |
| Electrical Entry                       | DN (DIN Terminal w/o Connector, 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                                                      |

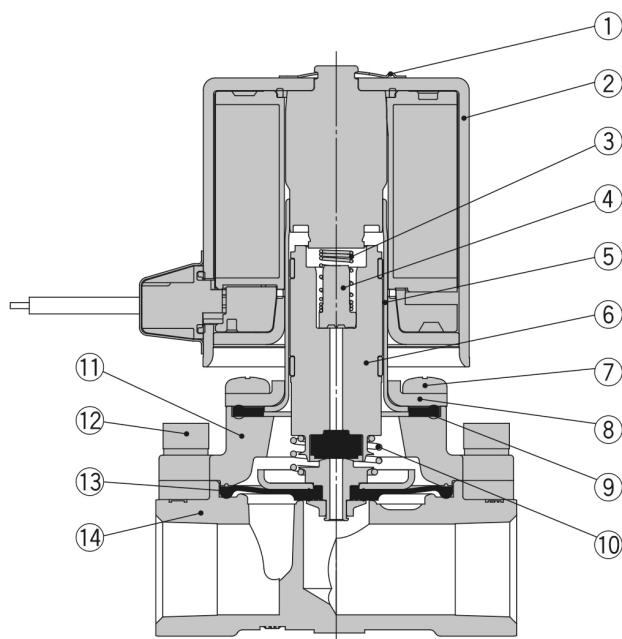
|                                        |                                                                      |
|----------------------------------------|----------------------------------------------------------------------|
| Conform to the European RoHS Directive | Conform                                                              |
| Enclosure                              | IP67 (IP65 for the DIN terminal)                                     |
| Allowable voltage fluctuation          | ±10% of rated voltage                                                |
| Allowable leakage voltage              | 2 % or less of the rated voltage                                     |
| Power consumption                      | 8 W                                                                  |
| Temperature rise                       | 65 °C                                                                |
| Valve Leakage                          | Air: 1 cm <sup>3</sup> /min, Water and Oil: 0.1 cm <sup>3</sup> /min |
| Weight                                 | 0.870 Kg                                                             |

Dimensions



Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

## 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-JSX-E_EU.pdf</a>                                                          |
| Declaration of conformity | <a href="#">newDoC_JSXZ_TF122130EN.pdf</a><br><a href="#">newDoC_JSXZ_TF125-548EN.pdf</a> |
| Installation manuals      | <a href="#">IM_JSXZ_TF222-050EN-A.pdf</a>                                                 |
| Operation manuals         | <a href="#">OM_JSXZ_DOC1158126EN.pdf</a>                                                  |