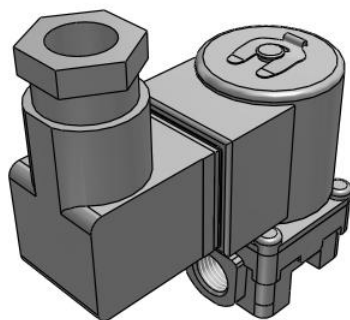




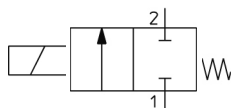
JSX, Direct Operated 2-Port Solenoid Valve

JSX21-CN302F-JDS

Datasheet

General series information

- Applicable fluid: air, water, oil
- Flow rate up to 25 l/min (water)
- Orifice diameter: 1.6 to 7.1 mm
- Port size: 1/8" to 3/8"
- Body material: stainless steel, brass and aluminium
- Coil material: stainless steel
- Enclosure: IP67.



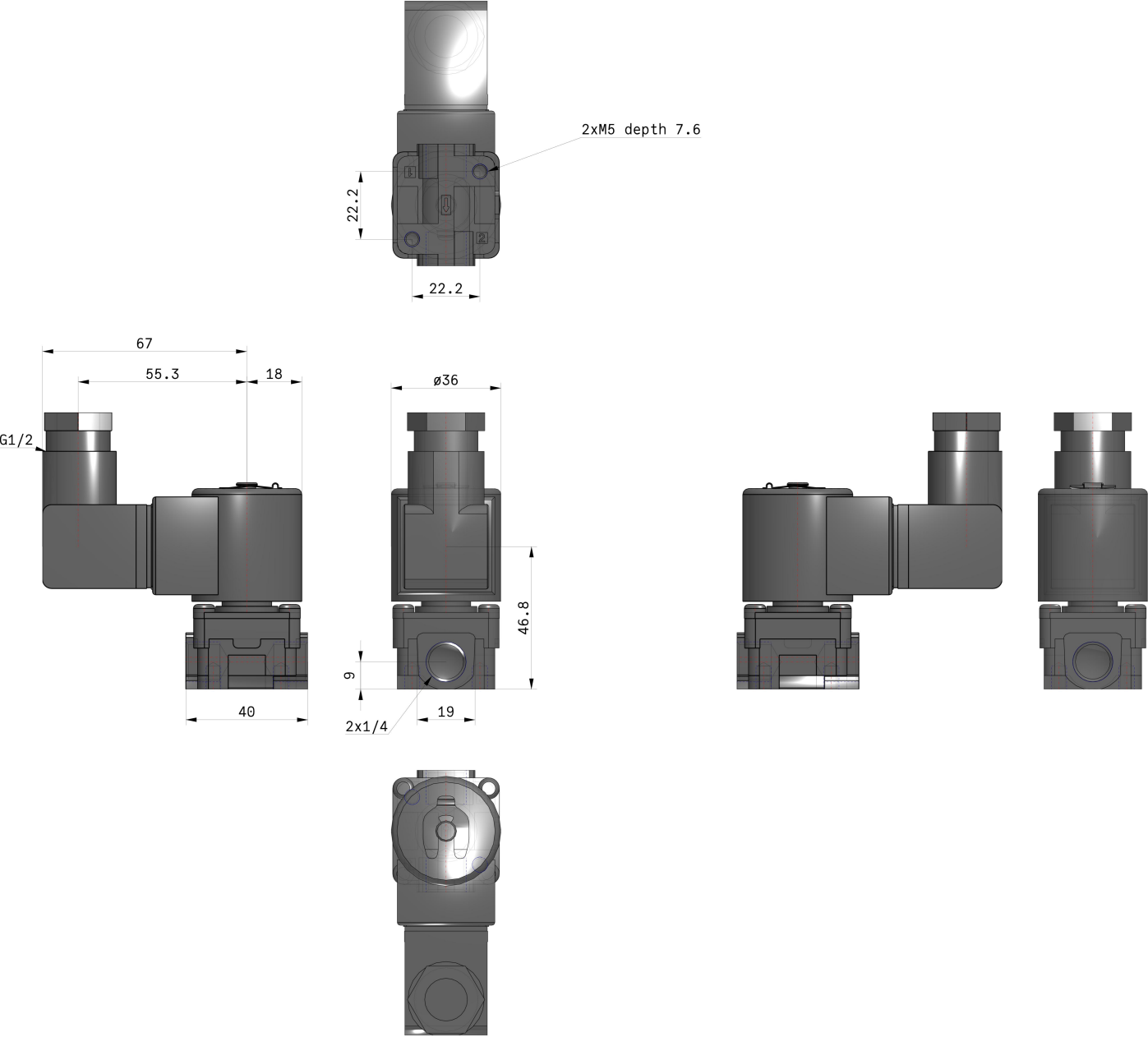
Directional control valve 2/2-way valve, closed normal position Controlled by solenoid coil with one winding, direction of actuation towards the valving element Return with mechanical control spring

Standard specifications

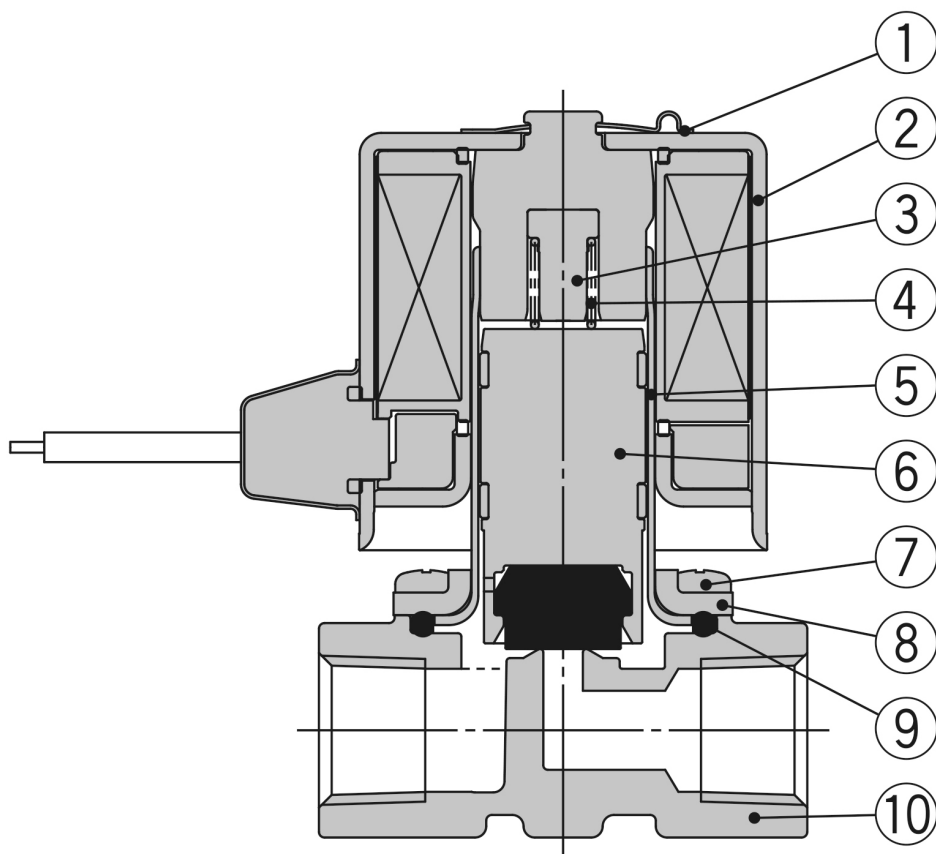
Size	2 (Series 20)
Body Material	C (Brass)
Seal Material	N (NBR)
Orifice Diameter/Port Size	302 (Orifice Diameter: ø3.2 mm; Port Size: 1/4)
Thread Type	F (G)
Rated voltage	J (230 VAC)
Electrical Entry	DS (DIN Terminal, w/Surge Voltage Suppressor)
Oil-free Option	None
Bracket	None
Maximum temperature 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	8 VA
Temperature rise	70 °C
External Leakage	Air: 1 cm³/min, Water and Oil: 0.1 cm³/min
Weight	0.380 Kg

Dimensions



Constructions



Component Parts

No.	Description	Material
1	Clip	Stainless steel
2	Solenoid coil	Stainless steel, Cu,
3	Stopper	PPS
4	Spring	Stainless steel
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,
10	Body	Brass

Additional information

Catalogue	JSX-Da_EU.pdf
Declaration of conformity	newDoC_JSX_TF1Z310EN.pdf
Installation manuals	IM_JSX_TF2Y014EN-C.pdf