

Solenoid valve

Model SV01



Solenoid valve SV01 can supply working medium to pipelines and cavities of a unit/system under commands of control system.

Status TRL – 6

Type: Normally closed, 2-way, direct action

Main technical characteristics

Sub model	SV01-2	SV01-3
Working medium	Non-cryogenic gases and liquids	
Max working pressure, bar	100	20
Burst pressure, bar, no less	250	
Operation temperature range, °C	from minus 30 to plus 60	
Voltage*, Vdc	from 24 to 32	
Max power consumption (@ 20 °C), W	32.5	
Passage diameter, mm	2	3
Max response time, s	0.02	0.025
Internal leakage, sm ³ /s air, no more	0.5	
External leakage, m ³ ·Pa/s GHe	1.33·10 ⁻⁷	
Flow capacity Kv, m ³ /h, no less	0.1	0.21
Mass, kg, no more than	0.25	
Overall dimensions**, mm	see.fig.1	

* - for long-term activation (more than 180 s), it is recommended to reduce the voltage after activation by 1...3 s.

** - the overall dimensions and interfaces of the ports may vary depending on the customer's requirements.

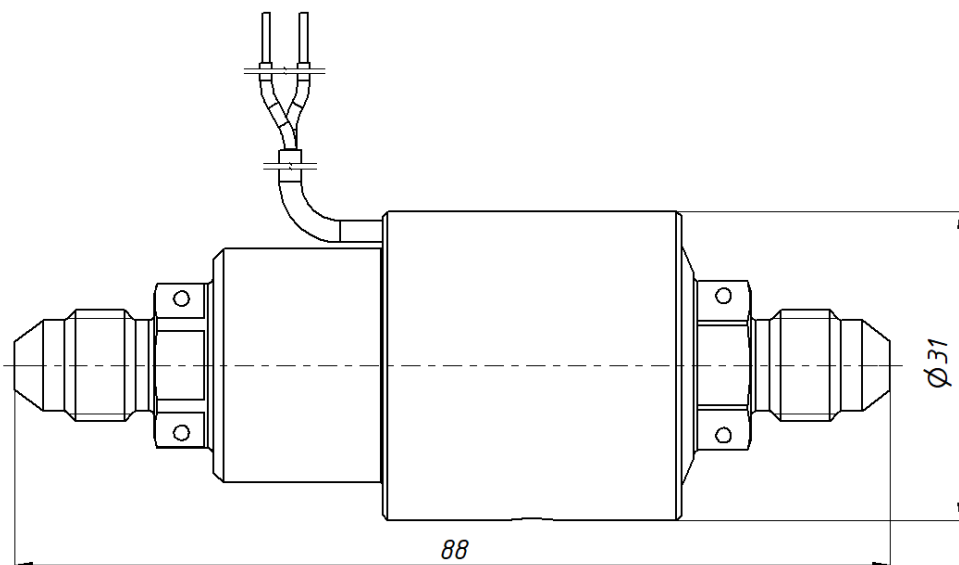


Figure 1 – Overall dimensions**