

Data Sheet

Product ID ALV210P1C4

PRODUCT NAME

Direct Acting Solenoid Valve of Flameproof

DESCRIPTION OF THE PRODUCT

ALV210P1C4 series direct action flameproof solenoid valve starts with low air, is sensitive operation, and has high climate protection and explosion-proof grade, can be used in hazardous area (Class I Zone 1). This kind of direct action valve can not only directly control the pneumatic actuator, but also can be directly installed and connected with a variety of pneumatic valves to form a high-performance pilot solenoid valve.



APPROVED BY



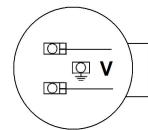
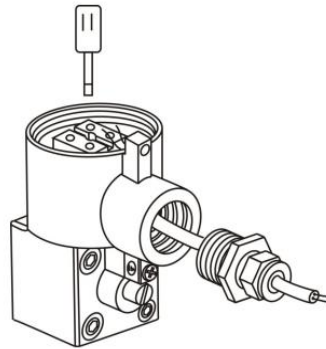
Coil Specification (C4)

Coil Enclosure	Stainless steel 316
Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
Operating Voltage	12/24VDC-3.5W; 110/120/220/240VAC-4VA(50/60HZ)
Voltage Tolerance	±10%
Insulation Protection	H class
Insulated voltage	1000V
Duty factor	100% ED
Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db

BODY TECHNICAL DATA

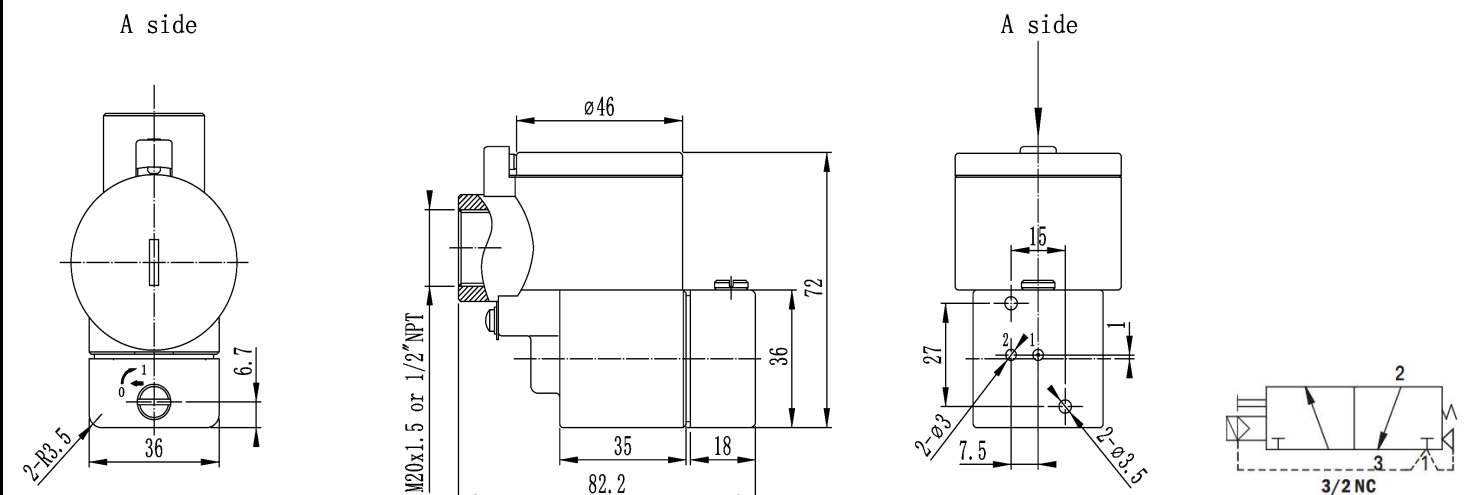
Body	Stainless steel 316
Seal	Buna N
Fasteners	Stainless steel
Function	3/2 direct acting, spring return, NC
Flow rate(Orifice)	78L/M,CV=0.08(1.3mm)
Air Ports	ø3mm
Manual Override	on the body
Mounting	in-line interface
Working pressure	0~8 bar
Working Medium	less than 40µm filtered and dried air
Working Temp.	-20°C~60°C
Environment.	Indoor and Outdoor
Weather Proof	IP67

Wiring Diagram and Operating



Note: The Exd Cable Gland is not included. Enquiry please contact with us.

DIMENSION AND DRAWING



*For continuous improvement of the product, we reserve the right to alter the dimensions, technical data in this data sheet.

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