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| PRODUCT NAME | MODEL NO. ALV110F1C9 |
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Direct Acting Flameproof Solenoid Valve

DESCRIPTION OF THE PRODUCT

ALV110F1C9 series direct action flameproof solenoid valve can be used in hazardous area (Class I Zone 1) which has low starting air pressure, sensitive action, low power consumption and low temperature working performance. 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 (C9)



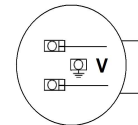
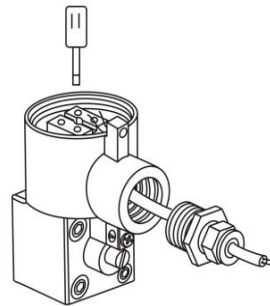
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| Coil Enclosure | Die-casting aluminum + Epoxy coated |
| Wiring Connector | M20-1.5 or 1/2"NPT, Terminal Strip |

BODY TECHNICAL DATA

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|--------------------|---|
| Body | Extruded aluminum + anodized coated |
| 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 | G1/4" or NPT |
| Manual Override | on the body |
| Mounting | Namur interface |
| Working pressure | 0~8 bar |
| Working Medium | less than 40µm filtered and dried air |
| Working Temp. | -20°C~60°C (optional: -40°C~60°C or -53°C~60°C) |
| Weather Proof | IP67 |

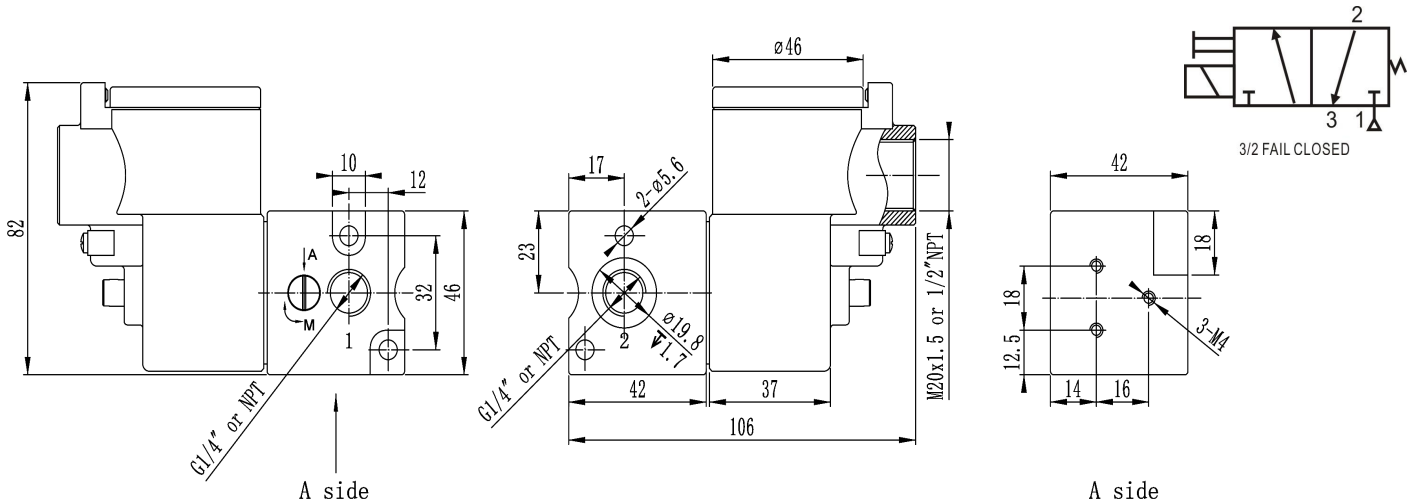
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| Operating Voltage | 24VDC±10% ≤1W, 110/220VDC±10% ≤3.5W 24/110/220VAC±10% ≤ 4VA(50/60Hz) |
| Voltage Tolerance | ±10% |
| Insulation Protection | H class |
| Insulated voltage | 1000V |
| Duty factor | 100% ED |
| Area Classification | Ex db IIC T6 Gb; Ex tb IIIC T85°C Db |

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.