

Data Sheet

Product ID ALV110F1C5

PRODUCT NAME

Direct Acting Solenoid Valve of Flameproof

MODEL NO.

ALV110F1C5

DESCRIPTION OF THE PRODUCT

Direct acting spring return normally closed solenoid valve with Ex db IIC T6 Gb aluminium enclosure coil. According to the Namur standard, this solenoid valve can be directly attached to single acting pneumatic actuator located in hazardous (Ex db IIC T6 Gb) area for pneumatic control.



APPROVED BY



IP67

Coil Specification (C5)

Coil Enclosure Die-casting aluminum+Epoxy coated

Wiring Connector M20-1.5 or 1/2"NPT, Terminal Strip

Operating Voltage 12/24VDC-3.5W
110/120/220/240VAC-4VA(50/60HZ)

Insulation Protection F Class Coil (Optional H class)

Insulated voltage 1000V

Duty factor 100% ED

Area Classification Ex db IIC T6 Gb,
Ex tb IIIC T85°C Db

Weather Proof IP67

BODY TECHNICAL DATA

Body Extruded aluminum + anodized coated

Seal Buna N

Fasteners Stainless steel

Function 3/2 direct acting, spring return, NC

Flow rate 78L/M, CV=0.08

Orifice 1.3mm

Manual Override on the body

Air Ports G1/4" or NPT

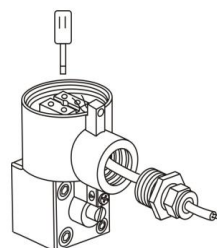
Mounting 24×32 Namur or In-line

Working Temperature -20°C~60°C

Working Pressure 0~8 bar

Working Medium less than 40µm filtered and dried air

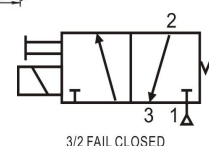
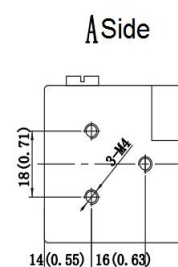
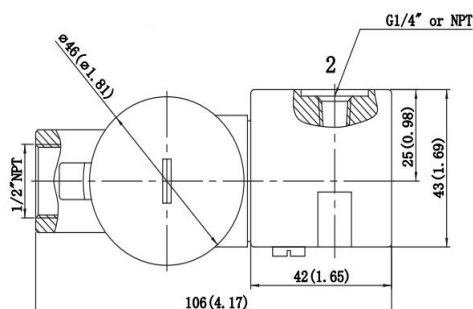
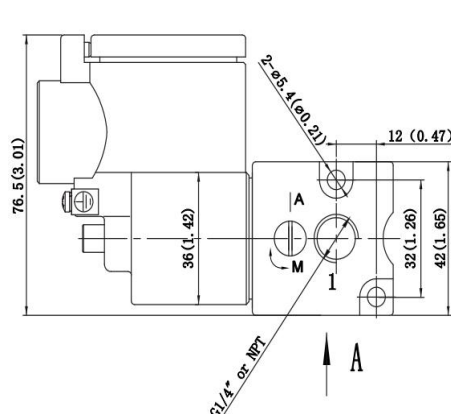
Wiring Diagram and Operating



Note: M20-1.5 Exd Cable

Gland is not included. Enquiry please contact with us.

DRAWING AND MOUNTING



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

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