## **Allied Data Sheet**

### **Product ID ALV110L1P1C9-202309**

#### PRODUCT NAME

#### MODEL NO. ALV110L1P1C9

## High flow direct acting solenoid valve

# DESCRIPTION OF THE PRODUCT

High flow direct acting solenoid valve with Ex d IIC T6 Gb aluminium enclosure coil which is recommended for pilot applications in hazardous area. Armed with balanced poppet structure, the valve is wide pressure ranges and no minimum operating pressure.



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

Coil Specification (C9)

	24/110/220VDC ≤ 6.5W,
Operating Voltage	
Operating voltage	24/440/220\/AC < 7\/A

BODY TECHNICAL DATA		On a nation of Maltana	24/110/220VDC ≤ 6.5W,
Body	Aluminum with hard anodized coated	Operating Voltage	24/110/220VAC ≤ 7VA
Seal	Buna N	Voltage Tolerance	±10%
Fasteners	Stainless steel	Insulation Protection	H Class Coil
Function	NO, NC, Universal valve (spring return)	Insulated voltage	1000V
Flow rate(Orifice)	CV=1.22 (5.29mm)	Duty factor	100% ED
Air Ports	G1/4 (Optional 1/4NPT)	Area Classification	Ex d IIC T6Gb

#### Manual Override on the body

Working pressure  $0{\sim}12\,\mathrm{bar}$ 

Working Medium	less than 40µm	
	filtered and dried air	

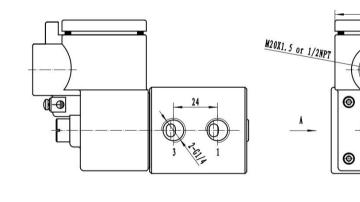
-40°C ~60°C Working Temp.

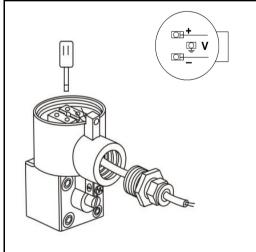
Environment. Indoor and Outdoor

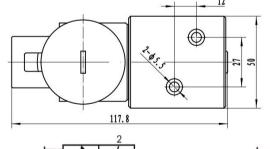
Wiring Diagram and Operating

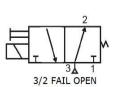
Weather Proof IP67

## **DIMENSION AND DRAWING and FLOW DIAGRAMS**









A Side View

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