

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.

APPROVED BY

Coil Specification (C9)



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

BODY TECHNICAL DATA

Body	Aluminum with hard anodized coated
Seal	Buna N
Fasteners	Stainless steel
Function	NO, NC, Universal valve (spring return)
Flow rate(Orifice)	CV=1.22 (5.29mm)
Air Ports	G1/4 (Optional 1/4NPT)

Operating Voltage	24/110/220VDC ≤ 6.5W, 24/110/220VAC ≤ 7VA
Voltage Tolerance	±10%
Insulation Protection	H Class Coil
Insulated voltage	1000V
Duty factor	100% ED
Area Classification	Ex d IIC T6Gb

Manual Override on the body

Working pressure 0~12 bar

Working Medium less than 40µm filtered and dried air

Working Temp. -40°C ~ 60°C

Environment. Indoor and Outdoor

Weather Proof IP67

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DIMENSION AND DRAWING and FLOW DIAGRAMS

Wiring Diagram and Operating

