

Data Sheet

Product ID ALV310F2C5

PRODUCT NAME

High Flow Pilot Acting Solenoid Valve of Flameproof

MODEL NO.

ALV310F2C5

DESCRIPTION OF THE PRODUCT

Based on NAMUR standard(32×24), the ALV310F2C5 ACHEM FLAMEPROOF NAMUR solenoid valve can be directly mounted for controlling double-acting pneumatic actuators which located in hazardous area(Zone 1 &2). Working pressure from 2 bar to 8 bar and the working voltage from 12-24VDC, 110-240VAC.



APPROVED BY



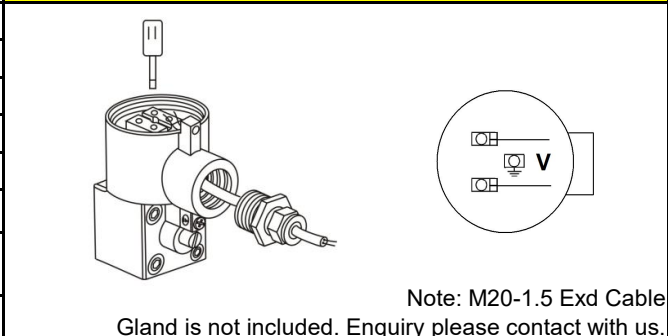
SPOOL VALVE TECHNICAL DATA

Spool valve/Body	Extruded aluminum
Coating	Anodized coated, or Nickel coated in chemical
Seal	Buna N
Materials in contact with fluid	Aluminum, Glass-filled PA, POM, Buna N
Function	5/2, CV =1.4,(25.00mm²) Monostable
Air Ports	Air ports 1/4" BSPP or NPT
Assembly and Connection	24×32 Namur, Manual override on body
Fasteners	Stainless steel
Environment	Type 4, 4X (indoor and outdoor)
Medium Temperature	-5℃～60℃
Working Pressure	2～8 bar
Working Medium	less than 40μm filtered and dried air
Bistable(ALV320F2C5)	available on requiring
Working life	more than 1000,000 cycle (On the normal working condition)
Main feature	Manual override on the body;

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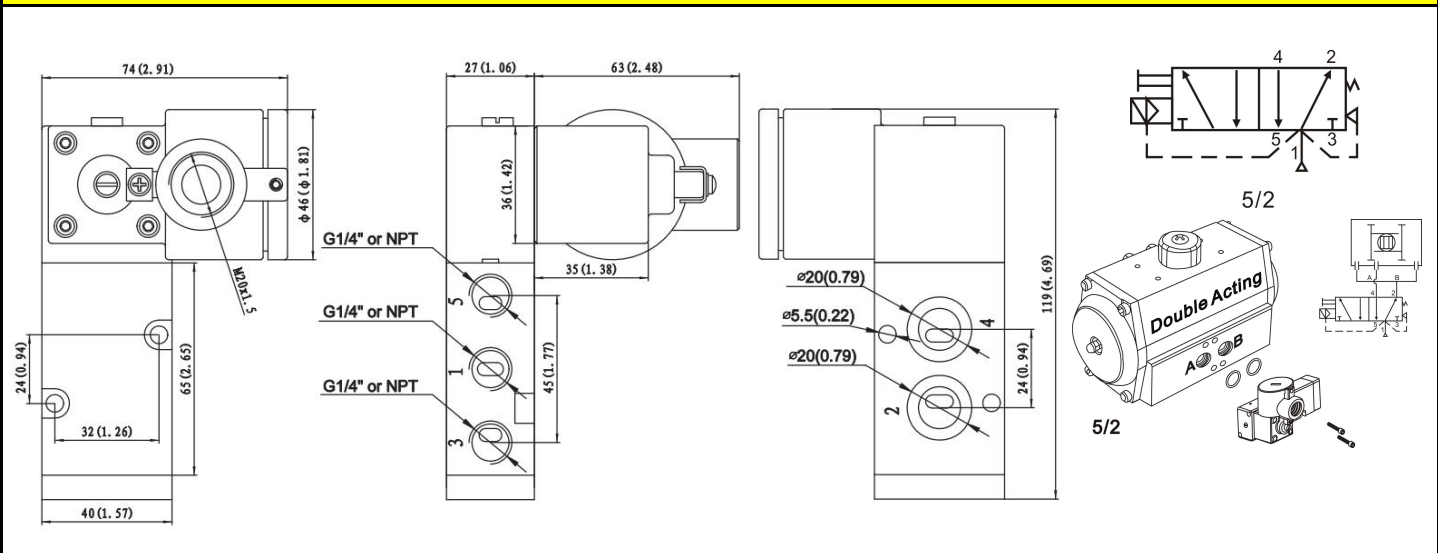
Coil Enclosure	Die-casting aluminum + Epoxy coated
Voltage Tolerance	±10%
Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
Operating Voltage	12/24VDC-3.5W 110/120/220/240VAC-4VA (50/60HZ)
Insulation Protection	H Class Coil
Insulated voltage	1000V, 100% ED
Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db
Weather Proof	IP67
Operating Temp.	-20℃～60℃

Wiring Diagram



Note: M20-1.5 Exd Cable
Gland is not included. Enquiry please contact with us.

DRAWING AND MOUNTING

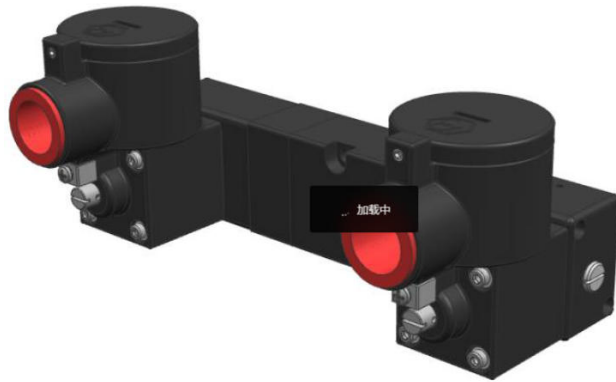






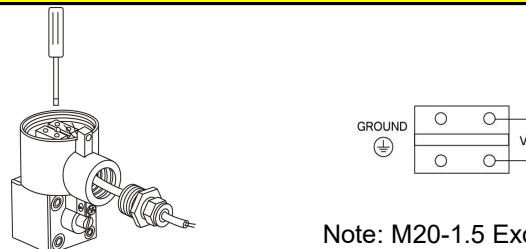
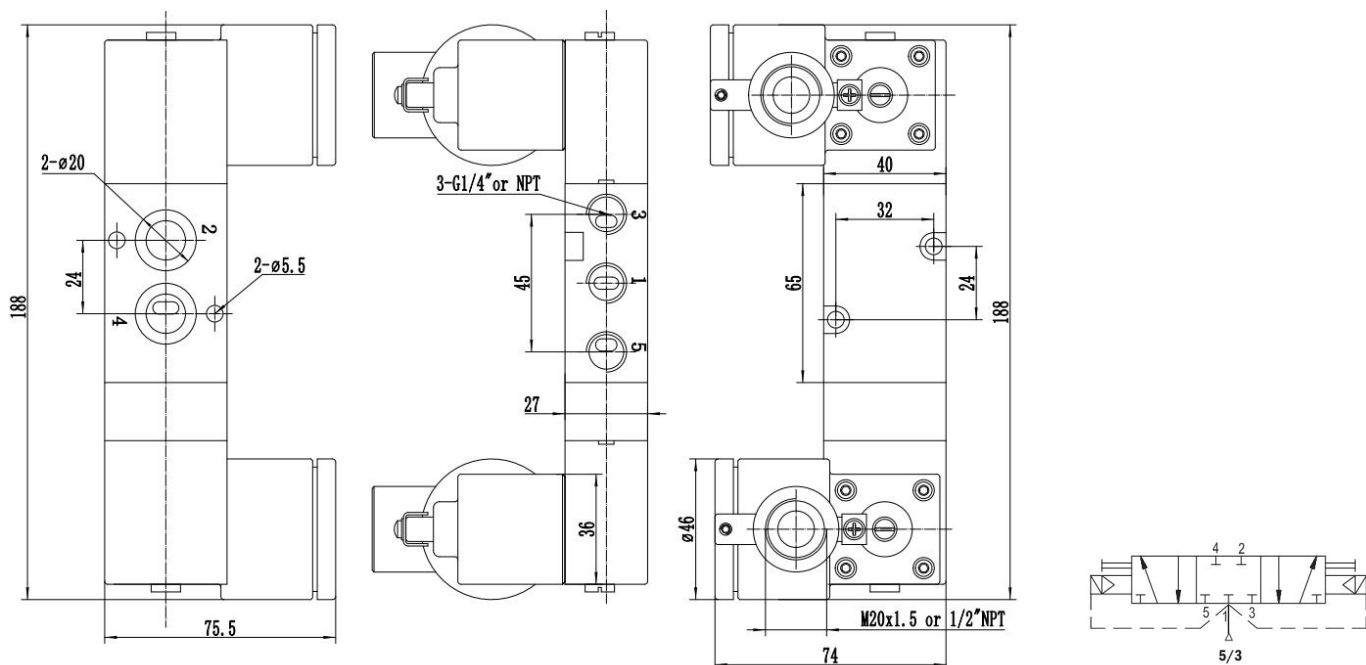


***For continuous improvement of the product, we reserve the right to alter the dimensions, technical data and information included in this data sheet.

ALLIED AUTOMATION

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Data Sheet		Product ID ALV320F4C5	
PRODUCT NAME			
High Flow Pilot Acting Solenoid Valve of Flameproof			
MODEL NO.			
ALV320F4C5			
DESCRIPTION OF THE PRODUCT			
Based on NAMUR standard(24×32), the ALV320F4C5 NAMUR solenoid valve can be directly mounted on actuator with5/3 functions for controlling three positions of double-acting pneumatic actuators which located in hazardous area(Zone 1 &2). Working pressure from 2 bar to 8 bar and the working voltage from 12-24VDC, 110-240VAC.			
APPROVED BY		Coil Specification(C5)	
      IP67		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	H Class Coil
		Insulated voltage	1000V
		Duty factor	100% ED
		Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db
		Weather Proof	IP67
		Operating Temp.	-20℃～60℃
SPOOL VALVE TECHNICAL DATA		Wiring Diagram	
Spool valve/Body	Extruded aluminum	 <p>Note: M20-1.5 Exd Cable Gland is not included. Enquiry please contact with us.</p>	
Coating	Anodized coated, or Nickel coated in chemical		
Seal	Buna N		
Materials in contact with fluid	Aluminum, Glass-filled PA, Buna N		
Function	5/3, CV =1.4, (25.00mm ²) Bistable 3/3 available with 3/3 adaptor plate		
Air Ports	Air ports 1/4" BSP or NPT		
Assembly and Connection	24×32 Namur, Manual override on body		
Fasteners	Stainless steel		
Medium Temperature	-5℃～60℃		
Working Pressure	2～8 bar		
Working Medium	less than 40µm filtered and dried air		
Working life	more than 1000,000 cycle (On the normal working condition)		
Main feature	Manual override on the body;		
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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