

Data Sheet

Product ID ALV610F3C4

PRODUCT NAME

High Performance Pilot Acting Solenoid Valve of Flameproof

MODEL NO.

ALV610F3C4

DESCRIPTION OF THE PRODUCT

Based on NAMUR standard (32×24), the ALV610F3C4 solenoid valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and spring-return pneumatic actuators. Armed with stainless steel enclosure coil and spool valve, it is excellent for being used in hazardous and corrosive area.



APPROVED BY



Solenoid Coil: C4

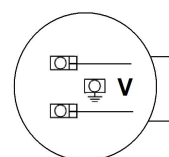
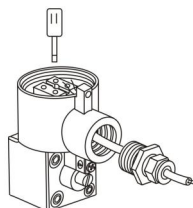
Operating Voltage 12/24VDC-3.5W
110/120/220/240VAC-4VA
(50/60HZ)

SPECIFICATIONS AND TECHNICAL DATA

Spool Valve/Body	SS316 Stainless Steel
Coating	Electropolishing
Seal	Buna N
Materials in Contact with Fluid	Stainless Steel, Glass-filled Resin, Buna N
Function	5/2 or 3/2NC, Monostable, Pilot Operation
Air Ports	Air Ports 1/4" BSPP or NPT
Flow Rate	CV =1.1(19.63mm ²)
Installation and Connection	24×32 Namur mounting plates* Manual Override On Body
Fasteners	Stainless Steel
Environment	Indoor and Outdoor
Medium Temperature*	-20℃～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)

Voltage Tolerance	±10%
Coil Enclosure	Stainless Steel (316) With Electropolishing
Cable Entry	M20-1.5 or 1/2"NPT, Terminal Strip
Insulation Protection	H Class
Insulated voltage	1000V
Duty factor	100% ED
Weather Proof	IP67
Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85℃ Db
Operating Temp.*	-20℃～60℃

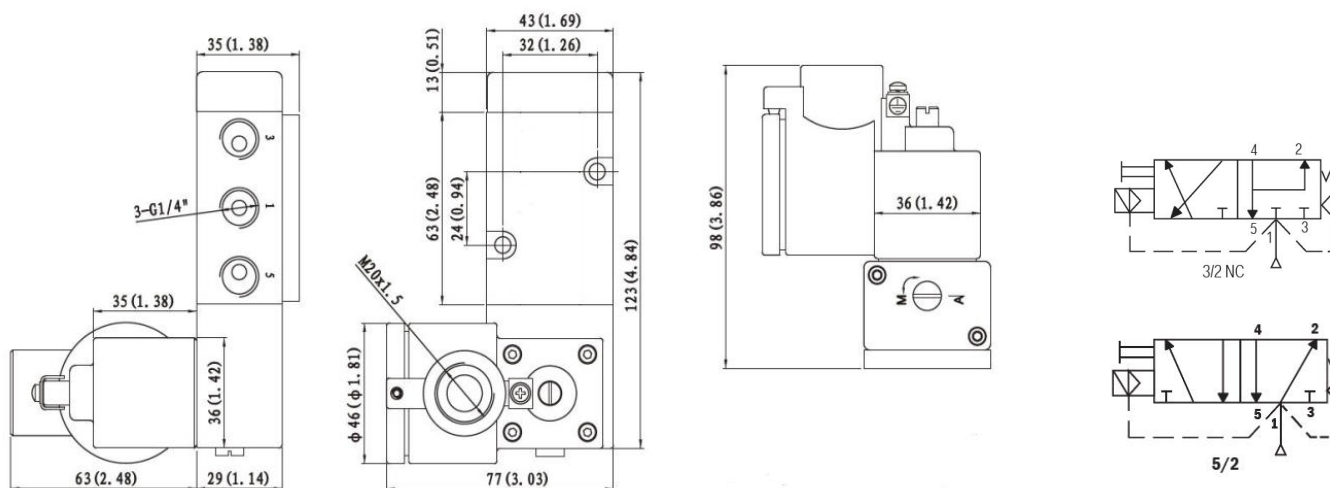
Wiring Diagram



Note: 1/2"NPT (or M20-1.5)Exd Cable Gland is not included.Enquiry please contact with us.

* standard material is nylon+30% glass fiber. Optional 316 stainless steel.

DRAWING AND DIMENSION



**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 ALV610P2C4

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Product ID ALV610P2C4

PRODUCT NAME

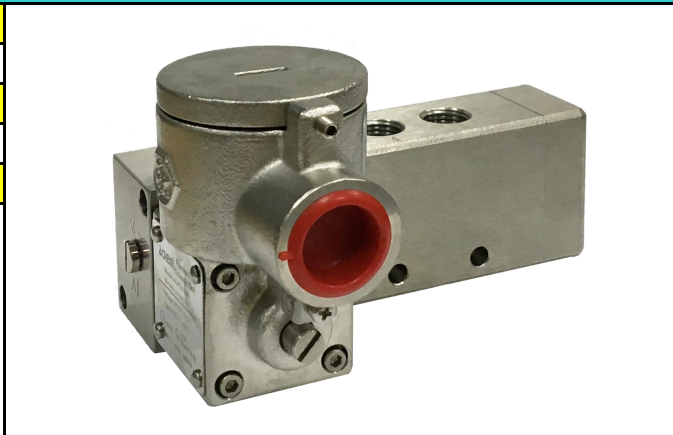
High Performance Pilot Acting Solenoid Valve of Flameproof

MODEL NO.

ALV610P2C4

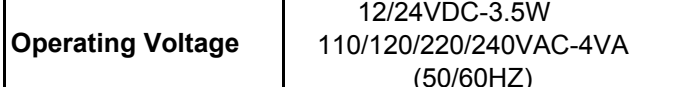
DESCRIPTION OF THE PRODUCT	
1	DESCRIPTION OF THE PRODUCT

The ALV610P2C4 ACHEM solenoid valve can be adapted for 5/2 functions for controlling double-acting pneumatic actuators. Armed with stainless steel enclosure coil this solenoid valve, it is excellent for being used in hazardous area (Class I Zone I AEx db IIC T6 Gb). Working pressure from 2 bar to 8 bar and the working voltage from 12-24VDC ; 110-240VAC.



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Solenoid Coil: C4

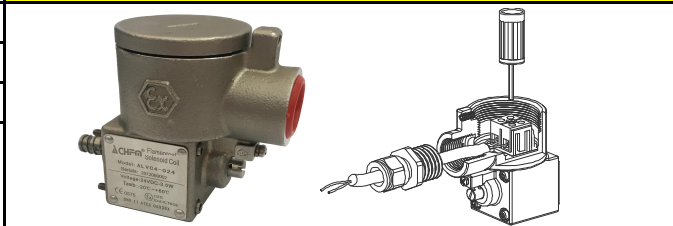


SPECIFICATIONS AND TECHNICAL DATA

Voltage Tolerance	$\pm 10\%$
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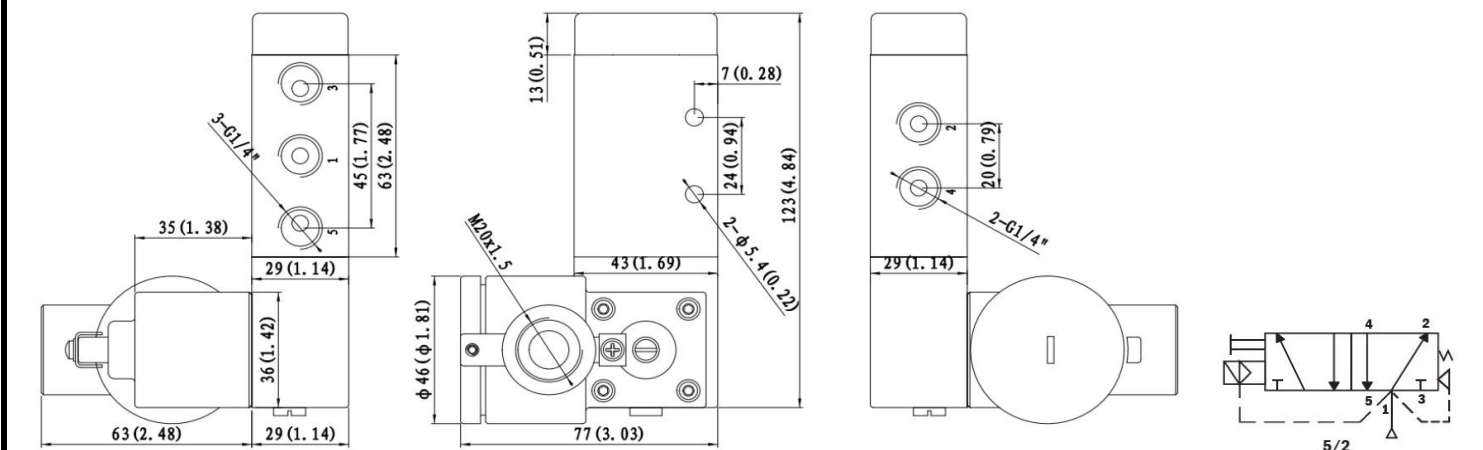
Coil Enclosure	Stainless Steel (316) With Electropolishing
Cable Entry	M20-1.5 or 1/2"NPT, Terminal Strip
Insulation Protection	H Class
Insulated voltage	1000V
Duty factor	100% ED
Weather Proof	IP67
Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db
Operating Temp.*	-20°C~60°C

Wiring Diagram



* When the operating temp. is different with medium temperature, the one has smaller absolute value must be chose.

DRAWING AND DIMENSION



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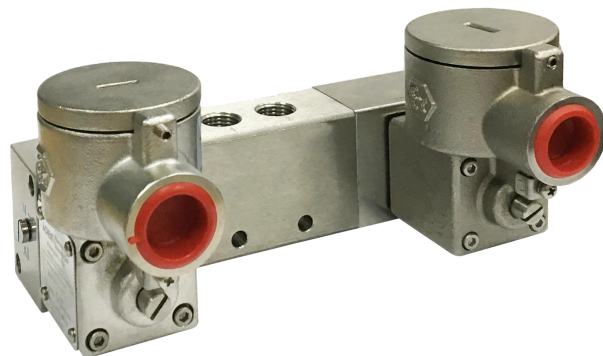
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Data Sheet**Product ID ALV620P2C4****PRODUCT NAME**

High Performance Pilot Acting Solenoid Valve of Flameproof

MODEL NO.**ALV620P2C4****DESCRIPTION OF THE PRODUCT**

The ALV620P2C4 ACHEM solenoid valve can be adapted for 5/2 functions for controlling double-acting pneumatic actuators. Armed with stainless steel enclosure coil this solenoid valve, it is excellent for being used in hazardous area (Class I Zone I AEx db IIC T6 Gb). Working pressure from 2 bar to 8 bar and the working voltage from 12-24VDC, 110-240VAC.

**APPROVED BY****IP67****Solenoid Coil: C4****Operating Voltage**

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

Voltage Tolerance

±10%

Coil Enclosure

Stainless Steel (316)
With Electropolishing

Cable Entry

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

Insulation Protection

H Class

Insulated voltage

1000V

Duty factor

100% ED

Weather Proof

IP67

Area Classification

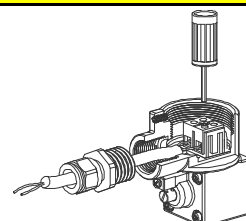
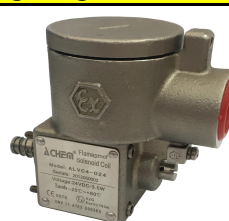
Ex db IIC T6 Gb,
Ex tb IIIC T85°C Db

Operating Temp.*

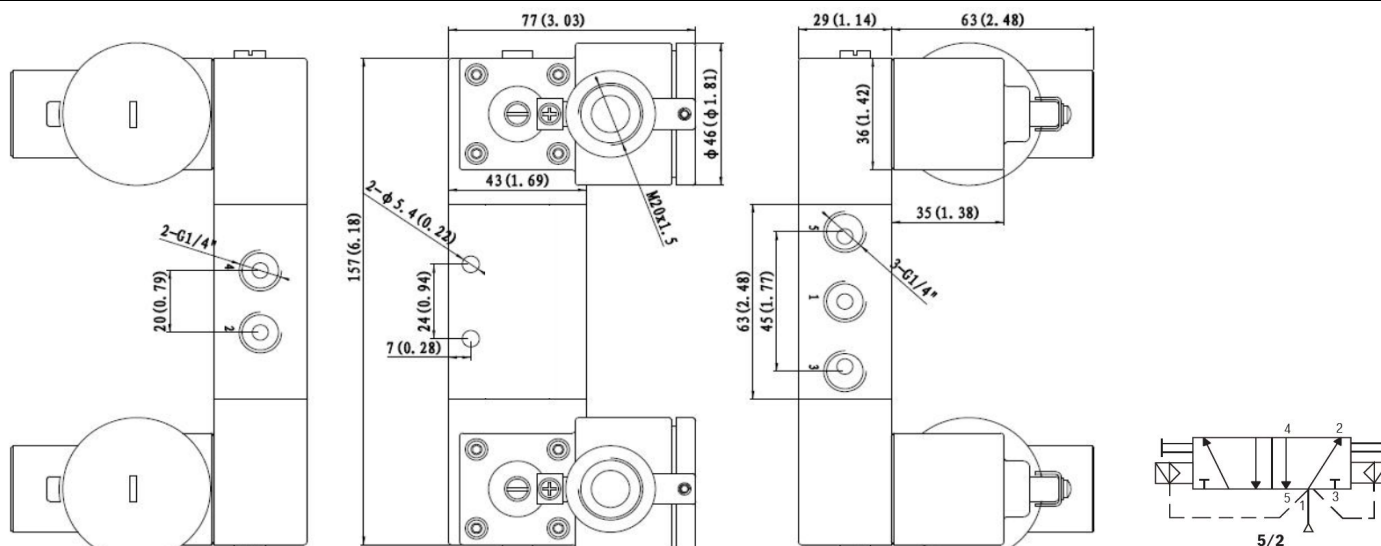
-20°C ~ 60°C

SPECIFICATIONS AND TECHNICAL DATA

Spool Valve/Body	SS316 Stainless Steel
Coating	Electropolishing
Seal	Buna N
Materials in Contact with Fluid	Stainless Steel, Glass-filled Resin, Buna N
Function	5/2, Bistable, Pilot Operation
Air Ports	Air Ports 1/4" BSPP or NPT
Flow Rate	CV = 1.1 (19.63mm ²)
Installation and Connection	In-line Type Manual Override On Body
Fasteners	Stainless Steel
Environment	Indoor and Outdoor
Medium Temperature*	-20°C ~ 60°C
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)

Wiring Diagram

* When the operating temp. is different with medium temperature, the one has smaller absolute value must be chose.

DRAWING AND DIMENSION

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