

Data Sheet

Product ID ALV510F3C0C

PRODUCT NAME

High Performance Pilot Acting Solenoid Valve of IP Grade

MODEL NO.

ALV510F3C0C

DESCRIPTION OF THE PRODUCT

Based on NAMUR standard (32×24), the ALV510F3C0C ACHEM NAMUR solenoid valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and spring-return pneumatic actuators. Working pressure from 2 bar to 8 bar and the working voltage from 12-24VDC, 110-240VAC.



APPROVED BY



NEMA4,4X

Solenoid Coil (C0C)

Operating Voltage

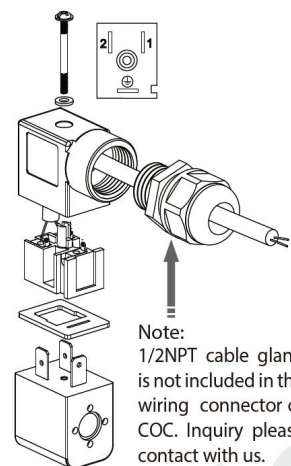
12/24VDC-4W
110/120/220/240VAC-4VA
(50/60HZ)

SPECIFICATIONS AND TECHNICAL DATA

Spool Valve/Body	Extruded Aluminum
Coating	Anodized Coated
Seal	Buna N
Materials in Contact with Fluid	Aluminum, 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 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
Bistable (ALV520F3-)	Available On Requiring
Working Life	More Than 1000,000 Cycle (On The Normal Working Condition)

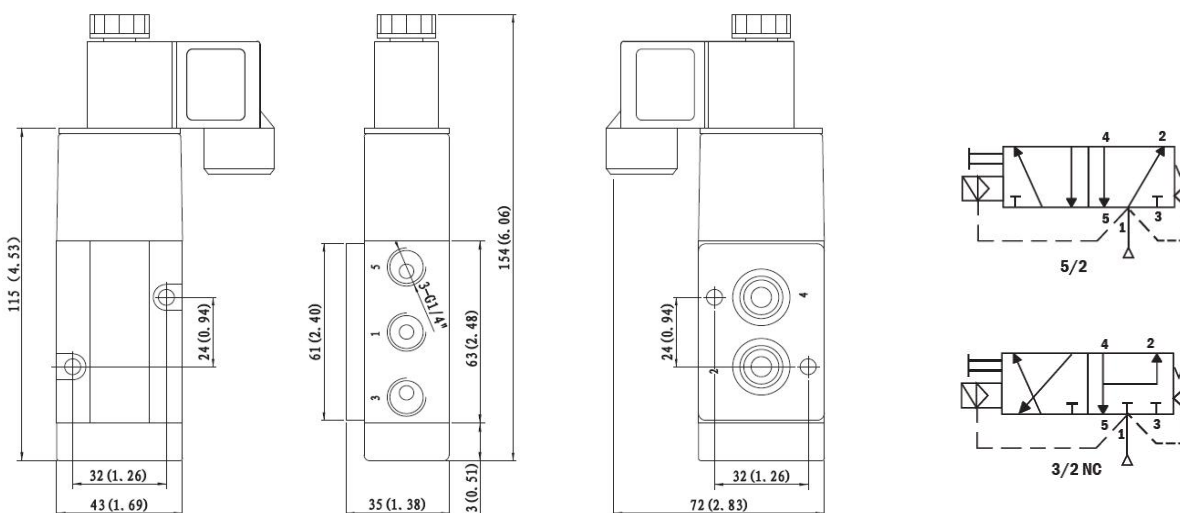
Voltage Tolerance	±10%
Wiring Connector	1/2" NPT Cable Entry
Insulation Protection	H Class
Insulated Voltage	1000V
Duty Factor	100% ED
Operating Temp.*	-5℃～60℃

Wiring Diagram



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

DRAWING AND DIMENSION

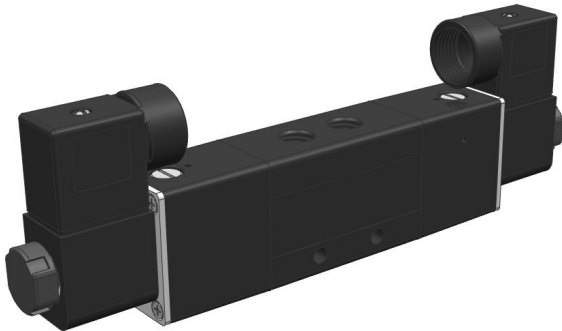
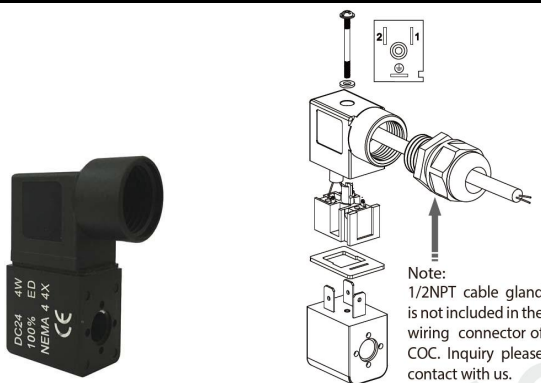


**For continuous improvement of the product, we reserve the right to alter the dimensions, technical data and information included in this data sheet..

ALLIED AUTOMATION

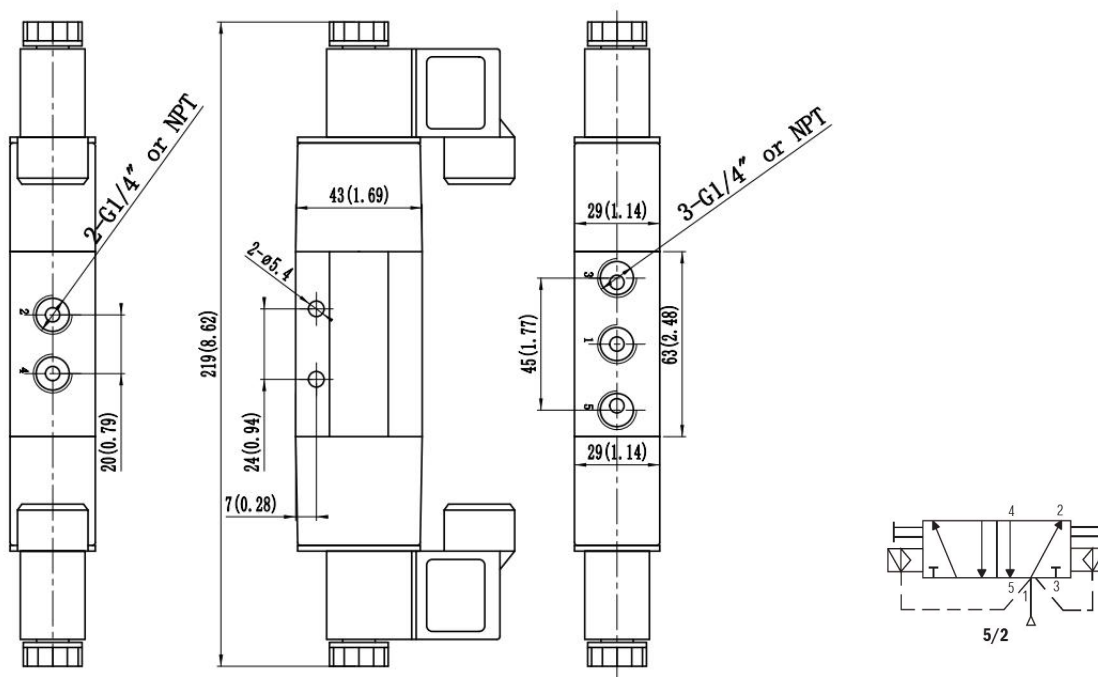
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Data Sheet		Product ID ALV520P2C0C	
PRODUCT NAME			
High Performance Pilot Acting Solenoid Valve of IP Grade			
MODEL NO.			
ALV520P2C0C			
DESCRIPTION OF THE PRODUCT			
The ACHEM NAMUR solenoid valve can be adapted for 5/2 functions for controlling double-acting pneumatic actuators. Working pressure from 2bar to 8 bar and the working voltage from 12-24VDC, 110-240VAC.			
APPROVED BY		Solenoid Coil(C0C)	
<div>CE</div> <div>NEMA4,4X</div>			
SPOOL VALVE TECHNICAL DATA		Operating Voltage	
Spool Valve/Body		12/24VDC-4W 110/210/220/240VAC-4VA (50/60HZ)	
Coating		Voltage Tolerance	
Seal		±10%	
Materials in Contact with Fluid		Wiring Connector	
Function		1/2" NPT Cable Entry	
Air Ports		Insulation	
Flow Rate		H Class	
Installation and Connection		Insulated Voltage	
Fasteners		1000V	
Environment		Duty Factor	
Medium Temperature*		100% ED	
Working Pressure		Operating Temp.*	
Working Medium		-5℃～60℃	
Working Life		Wiring Diagram	
More Than 1000,000 Cycle (On The Normal Working Condition)			

* 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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