

Product ID ALV410F1C0D

PRODUCT NAME

3/2 Big Flow Solenoid Valve

MODEL NO.

ALV410F1C0D

DESCRIPTION OF THE PRODUCT

Based on NAMUR standard(40×45), the ALV410F1C0D ACHEM NAMUR solenoid valve can be directly mounted on actuator with 3/2NC functions for controlling spring-return pneumatic actuators. Working pressure from 2 bar to 8 bar and the working voltage from 12-48VDC, 110-240VAC.



APPROVED BY



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NEMA4,4X

Solenoid Coil(C0D)

Operating Voltage

12/24/48VDC-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 and POM, Buna N
Function	3/2NC, Monostable, Pilot Operation
Air Ports	Air Ports 1/2" BSPP or NPT
Flow Rate	CV =2.79 (50.00mm ²)
Installation and Connection	40×45 NAMUR Standard, Manual Override On Body
Fasteners	Stainless Steel
Environment	Indoor and Outdoor
Medium Temperature*	-5°C ~80°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)

Voltage Tolerance

±10%

Wiring Connector

External Thread Din Plug

Cable Size

Dia.5-10mm

Insulation

F Class (H Class On Requiring)

Insulated Voltage

1000V

Duty Factor

100% ED

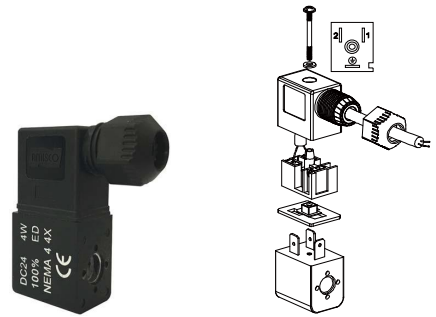
Weather Proof

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Operating Temp.*

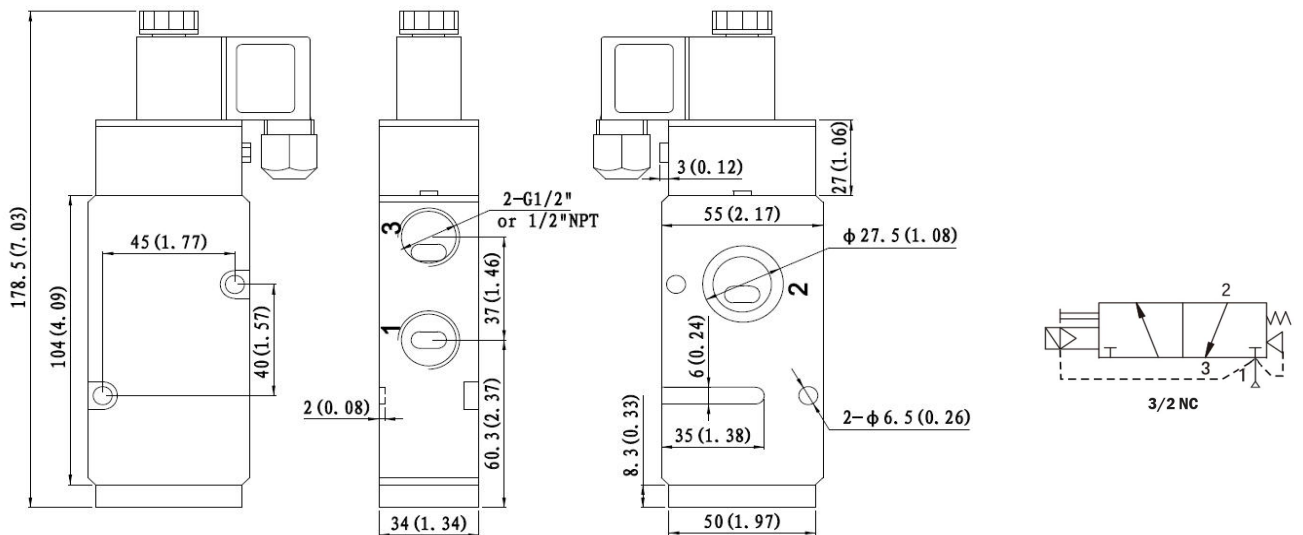
-20°C ~80°C

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.



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