

PRODUCT NAME
High Performance Alu. Solenoid Valve

MODEL NO.
ALV510F3C0D

DESCRIPTION OF THE PRODUCT
Based on NAMUR standard (32×24), the ALV510F3C0D AICHEM NAMUR solenoid valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and single-acting pneumatic actuators. Working pressure from 2 bar to 8 bar and the working voltage from 12-48VDC, 110-240VAC.



APPROVED BY

CE **IP66** **NEMA4,4X**

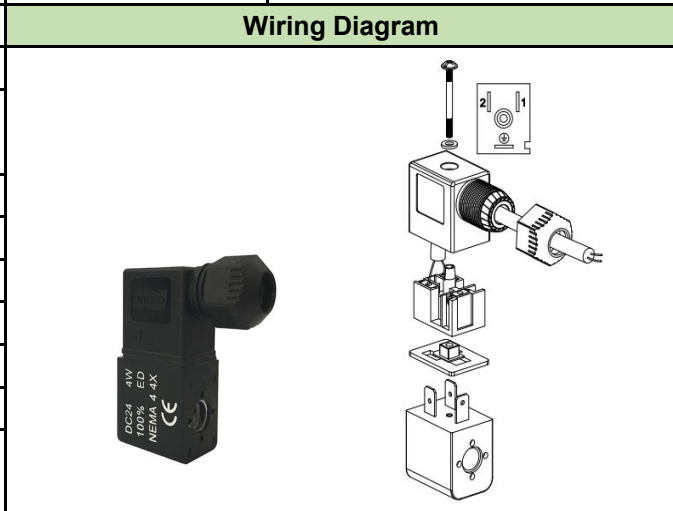
Solenoid Coil: C0D

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|--------------------------|--|
| Operating Voltage | 12/24VDC-4W 110/120/220/240VAC-4VA (50/60HZ) |
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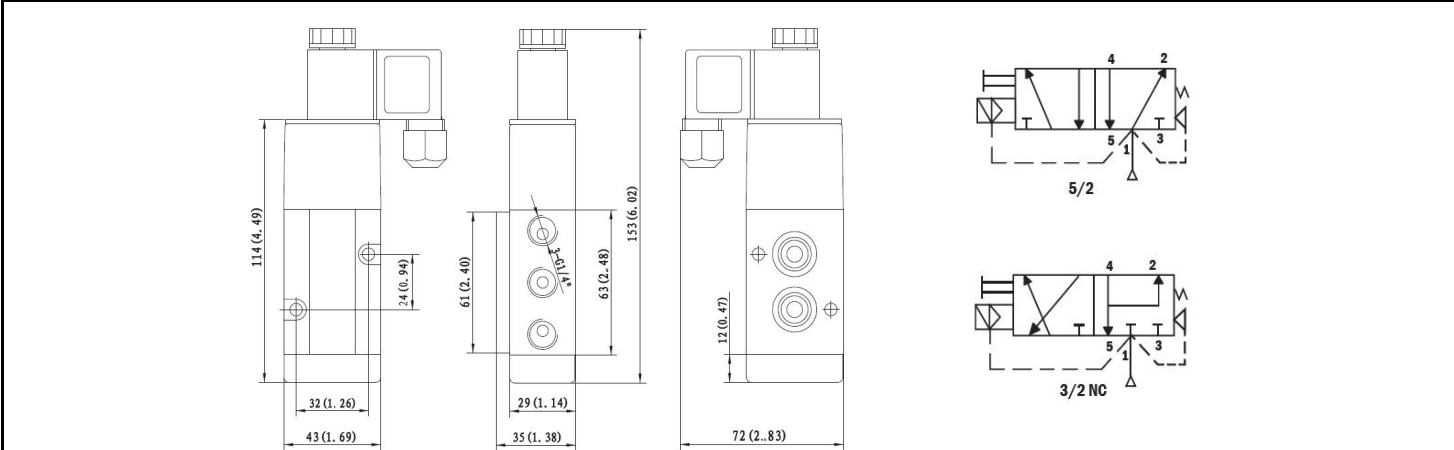
SPECIFICATIONS AND TECHNICAL DATA

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|--|---|
| 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 Type |
| Air Ports | G1/4" 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℃ (optional: -40℃~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 | External Thread Din Plug |
| Cable Size | Dia.5-10mm |
| Insulation | H Class |
| Insulated Voltage | 1000V |
| Duty Factor | 100% ED |
| Weather Proof | IP66 |



DRAWING AND DIMENSION



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