

PRODUCT NAME
ACHEM FLAMEPROOF NAMUR SOLENOID VALVE
MODEL NO.
ALV510F3C5
DESCRIPTION OF THE PRODUCT
Based on NAMUR standard, and one of Alpha's best selling ATEX solenoid valves, the same ACHEM NAMUR solenoid valve can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and single-acting pneumatic actuators. Armed with aluminum enclosure coil (FLAMEPROOF, Ex d IIC T6), this solenoid valve is excellent for use in hazardous area. Working pressure from 2bar to 8 bar and the working voltage 12-48VDC, 110-240VAC.



APPROVED BY
IP66

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 and 3/2NC, Monostable CV =1.1(19.63mm ²), 1082 l/min
Air Ports	Air ports 1/4" BSPP or NPT
Assembly and Connection	24x32 Namur, Manual override on body
Fasteners	Stainless steel
Environment	Indoor and outdoor
Medium Temperature	-25°C ~ 80°C
Working Pressure	2~8 bar
Working Medium	less than 40µm filtered and dried air
Bistable(ALV520F3C5)	available on requiring
Working life	more than 1000,000 cycle (On the normal working condition)

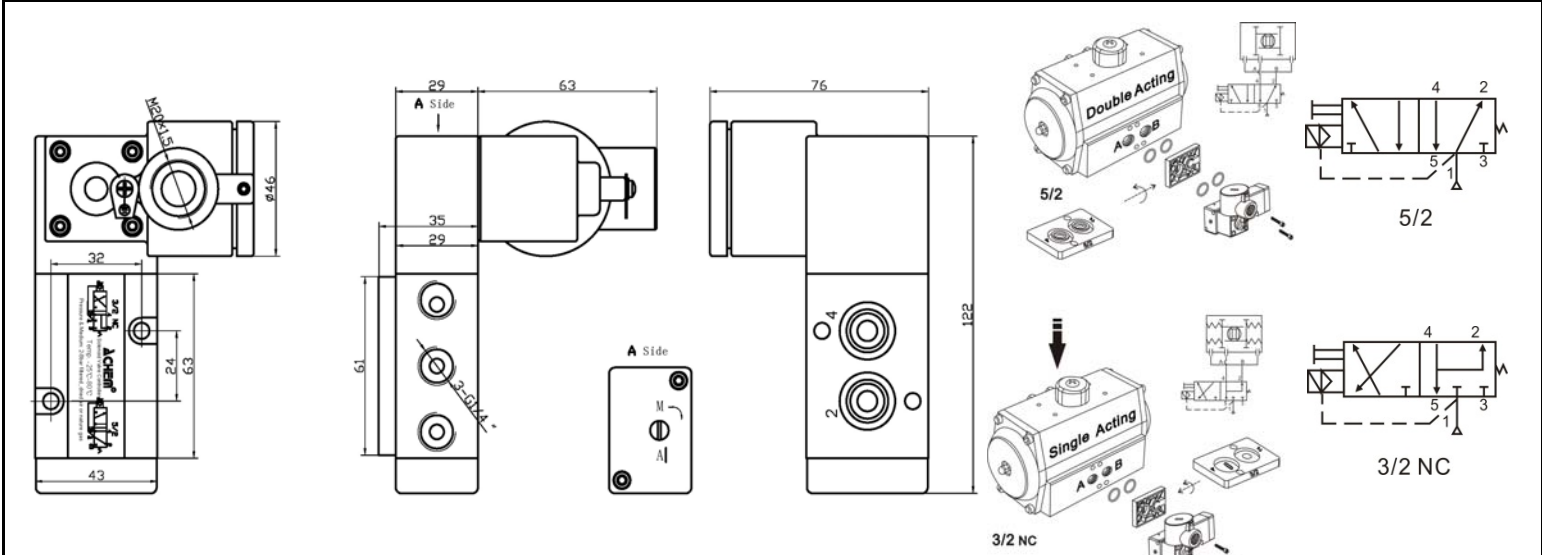
Coil Specification(C5)	
Operating Voltage	12/24/48VDC-3.5W 110/210/220/240VAC-4VA(50/60HZ)
Coil Enclosure	Die-casting aluminum + Epoxy coated
Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
Insulation Protection	F Class Coil
Insulated voltage	1000V
Duty factor	100% ED
Weather Proof	IP66
Area Classification	Ex d IIC T6(Class 1,Division 1,Group ABCD)
Operating Temp.	-20°C ~ 60°C

- Advanced Features**
- All the exhaust ports of this spool valve are connectable, providing better environmental protection.
 - The valves armed with "environmentally-protected structure" offer environmental protection against the ingress of liquids, dusts or other foreign matter.

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.