

ALV412F5C5 for use with Quick Rotating tech

PRODUCT NAME

Two Body Solenoid Valve

MODEL NO.

ALV412F5C5

DESCRIPTION OF THE PRODUCT

ALV412F5C5 only uses one two-body solenoid valve directly installed on the NAMUR interface of the pneumatic actuator, which can double the inlet and exhaust air volume of the pneumatic actuator and realize the quick rotation of the pneumatic actuator which is simple design, easy to install, and low cost.



APPROVED BY



IP67

Solenoid Coil(C5)

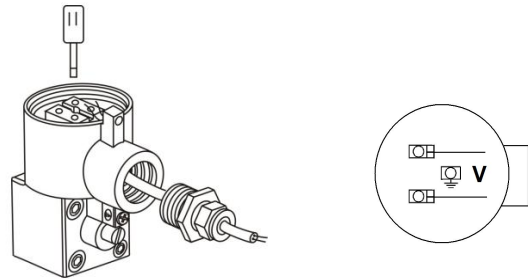
Operating Voltage 24/110VDC-3.5W
110/120/220/240VAC-4VA (50/60HZ)

SPECIFICATIONS AND TECHNICAL DATA

Spool Valve/Body	Extruded Aluminum
Coating	Anodized Coated
Seal	Buna N
Materials in Contact with Fluid	AluminumI, Glass-filled Resin and POM, Buna N
Function	Pilot acting, 2x5/2, Monostable
Air Ports	Air Ports 1/2" BSPP or NPT
Flow Rate	CV =2x2.79 (2x50.00mm ²)
Installation and Connection	40x45 NAMUR Standard, Manual Override On Body
Fasteners	Stainless Steel
Environment	Indoor and Outdoor
Medium Temperature*	-5°C ~ 60°C (Optional :-40°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)

Voltage Tolerance	±10%
Coil Enclosure	Die-casting Aluminum + Epoxy Coated
Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
Insulation Protection	H Class Coil
Insulated voltage	1000V, 100% ED
Area Classification	Ex d IIC T6 Gb (Class I Zone I AEx d IIC T6 Gb)
Weather Proof	IP67

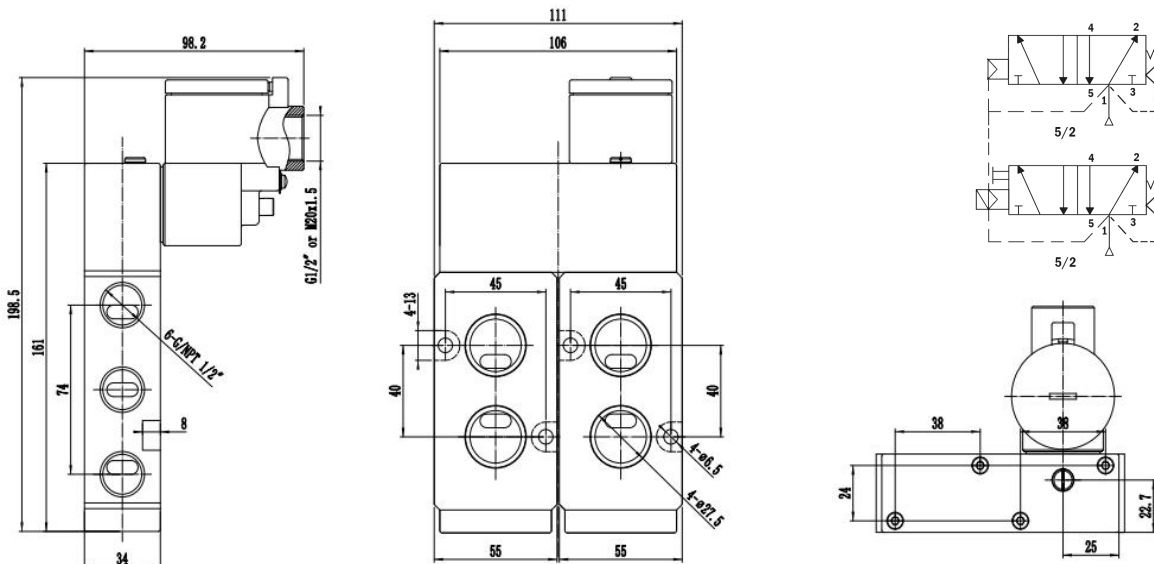
Wiring Diagram



Note: M20-1.5 Exd Cable Gland is not included. Enquiry please contact with us.

* 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.



Engineering & Technical Centre, 1 Ormside Close, Hindley Industrial Estate, Hindley Green, Wigan, WN24HR, Greater Manchester, UK, Tel +44 (0) 1942 525833, Technicalsales@alphacontrols.co.uk, www.alphacontrols.co.uk