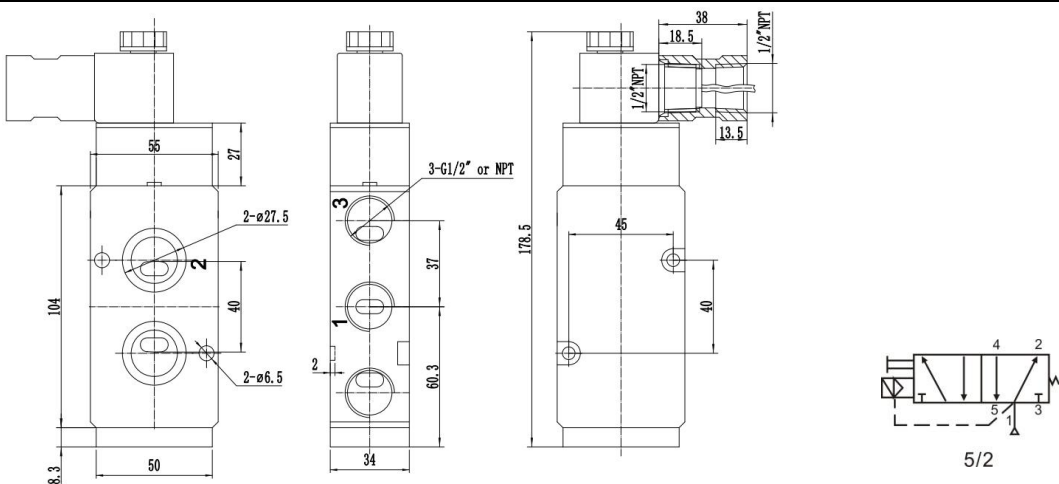


Data Sheet		Product ID ALV412F2C0F	
PRODUCT NAME			
High Flow Pilot Acting Solenoid Valve of IP Grade			
MODEL NO.			
ALV412F2C0F			
DESCRIPTION OF THE PRODUCT			
The same NAMUR solenoid valve can be adapted for 5/2 functions for controlling double-acting and pneumatic actuators in the area of OUTDOOR. Armed with "environmentally-protected structure" and thermoplastic encapsulated pull-type solenoid coil, ALV412F2C0F can offer excellent environmental protection against the ingress of liquids,dusts or other foreign matter.			
APPROVED BY			
<div>CEIP67NAME4,4X</div>			
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, CV =2.79(50.00mm ²), Monostable		
Air Ports	Air ports 1/4" BSPP or NPT		
Assembly and Connection	24×32 Namur, Manual override on body		
Fasteners	Stainless steel		
Environment	indoor and outdoor		
Medium Temperature	-5℃~60℃		
Working Pressure	2~8 bar		
Working Medium	less than 40μm filtered and dried air		
Bistable(ALV520F3C0)	available on requiring		
Working life	more than 1000,000 cycle (On the normal working condition)		
Advanced Features			
1, All the exhaust ports of this spool valve are connectable, providing better environmental protection.			
2, The valves armed with "environmentally-protected structure" offer environmental protection against the ingress of liquids, dusts or other foreign matter.			
Solenoid Coil Specification(C0F)			
Catalog Number C0F is thermoplastic encapsulated pull-type solenoid coils for use with valves. These solenoids have three lead wires with one wire for grounding and a ½" NPT conduit connection. C0Fis designed to meet Enclosure Type 1 - General Purpose, Types 3 and 3S - Raintight and Types 4 and 4X - Watertight.			
Operating Voltage (4W/4VA)	24/48VDC 110/120/220/240VAC(50/60HZ)		
Operating Voltage (6.3W/6.3VA)	24VDC 120VAC(50/60HZ)		
Length of lead wires	400mm (3×φ2.5mm)		
Cable entry	1/2" NPT		
Conduit connection	Aluminum		
Insulation Protection	F Class wire		
Duty factor	100% ED		
Weather Proof	IP67, Type4, 4X		
DRAWING AND MOUNTING			
<div></div>			
***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		<div>www.allied-actuator.cominfo@allied-actuator.com</div>	

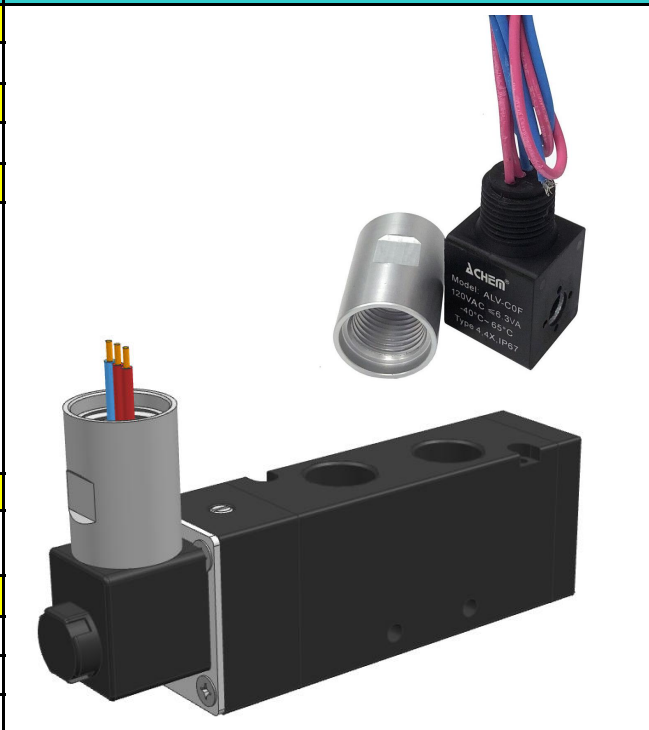
Data Sheet	Product ID ALV412P2C0F
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PRODUCT NAME
High Flow Pilot Acting Solenoid Valve of IP Grade
MODEL NO.
ALV412P2C0F
DESCRIPTION OF THE PRODUCT
<p>The same NAMUR solenoid valve can be adapted for 5/2 functions for controlling double-acting and pneumatic actuators in the area of OUTDOOR. Armed with "environmentally-protected structure" and thermoplastic encapsulated pull-type solenoid coil, ALV412P2C0F can offer excellent environmental protection against the ingress of liquids,dusts or other foreign matter.</p>

APPROVED BY
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="font-size: 2em;">CE</div> <div>IP67</div> <div>NAME4,4X</div> </div>

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, CV =2.79(50.00mm ²), Monostable
Air Ports	Air ports 1/4" BSPP or NPT
Assembly and Connection	Manual override on body
Fasteners	Stainless steel
Environment	indoor and outdoor
Medium Temperature	-5℃~60℃
Working Pressure	2~8 bar
Working Medium	less than 40µm filtered and dried air
Bistable(ALV520F3C0)	available on requiring
Working life	more than 1000,000 cycle (On the normal working condition)

Advanced Features
<p>1, All the exhaust ports of this spool valve are connectable, providing better environmental protection.</p> <p>2, The valves armed with "environmentally-protected structure" offer environmental protection against the ingress of liquids, dusts or other foreign matter.</p>



Solenoid Coil Specification(C0F)	
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Operating Voltage (6.3W/6.3VA)	24VDC 120VAC(50/60HZ)
Length of lead wires	400mm (3×ø2.5mm)
Cable entry	1/2" NPT
Conduit connection	Aluminum
Insulation Protection	F Class wire
Duty factor	100% ED
Weather Proof	IP67, Type4, 4X

DRAWING AND MOUNTING

