


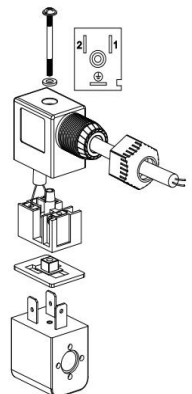


<b>Allied Data Sheet**</b>	<b>Product ID ALV510P2C0D</b>
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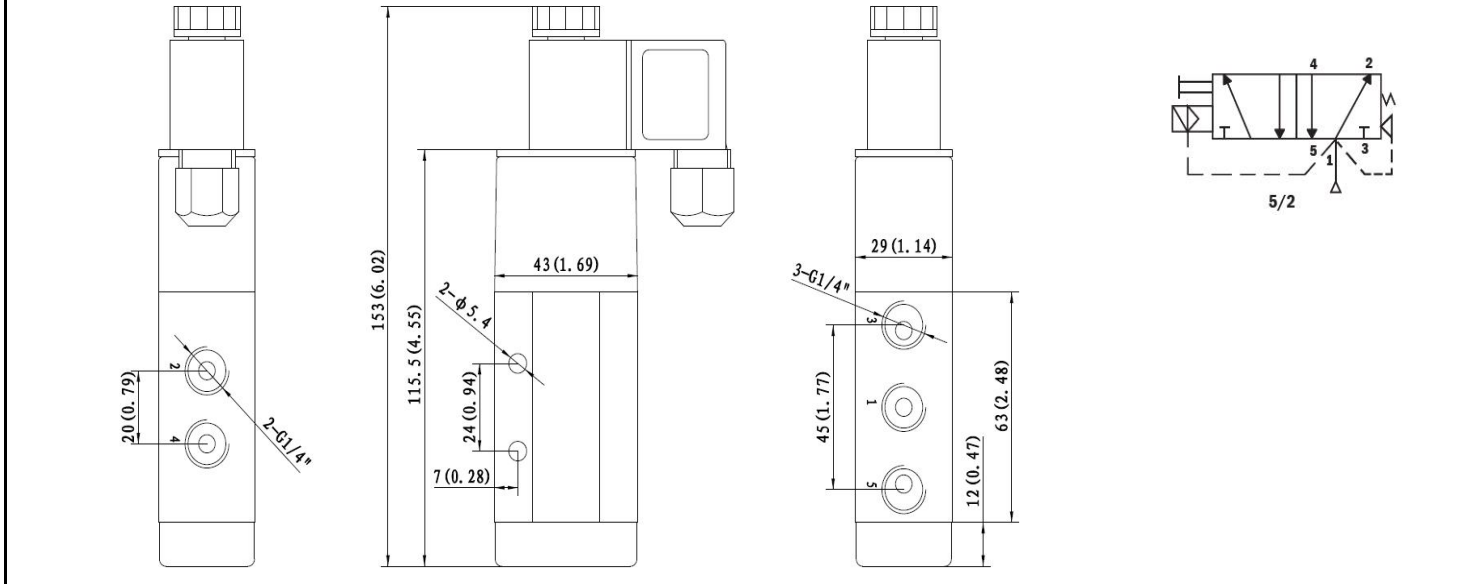
<b>PRODUCT NAME</b>	<b>MODEL NO. ALV510P2C0D</b>	
5/2 High Performance Alu. Solenoid Valve		
<b>MODEL NO.</b>		<b>ALV510P2C0D</b>
<b>DESCRIPTION OF THE PRODUCT</b>		The IN-LINE SOLENOID VALVE functions as 5/2 and is available for the operation of double-acting pneumatic actuators. Working pressure from 2 bar to 8 bar and the working voltage from 12-48VDC, 110-240VAC.

<b>APPROVED BY</b>	<b>Solenoid Coil(C0D)</b>																
 <span style="font-size: 24px; margin: 0 20px;">IP66</span> <span style="font-size: 24px;">NEMA4,4X</span>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="background-color: #D9EAD3;"><b>Operating Voltage</b></td> <td>12/24VDC-4W 110/120/220/240VAC-4VA (50/60HZ)</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Voltage Tolerance</b></td> <td>±10%</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Wiring Connector</b></td> <td>External Thread Din Plug</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Cable Size</b></td> <td>Dia.5-10mm</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Insulation Protection</b></td> <td>H Class</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Insulated Voltage</b></td> <td>1000V</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Duty Factor</b></td> <td>100% ED</td> </tr> <tr> <td style="background-color: #D9EAD3;"><b>Weather Proof</b></td> <td>IP66</td> </tr> </table>	<b>Operating Voltage</b>	12/24VDC-4W 110/120/220/240VAC-4VA (50/60HZ)	<b>Voltage Tolerance</b>	±10%	<b>Wiring Connector</b>	External Thread Din Plug	<b>Cable Size</b>	Dia.5-10mm	<b>Insulation Protection</b>	H Class	<b>Insulated Voltage</b>	1000V	<b>Duty Factor</b>	100% ED	<b>Weather Proof</b>	IP66
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SPECIFICATIONS AND TECHNICAL DATA	
<b>Spool Valve/Body</b>	Extruded Aluminum
<b>Coating</b>	Anodized Coated
<b>Seal</b>	Buna N
<b>Materials in Contact with Fluid</b>	Aluminum, Glass-filled Resin, Buna N
<b>Function</b>	5/2, Monostable, Pilot Operation
<b>Air Ports</b>	G1/4" or NPT
<b>Flow Rate</b>	CV =1.1(19.63mm <sup>2</sup> )
<b>Installation and Connection</b>	In-line, Manual Override On Body
<b>Fasteners</b>	Stainless Steel
<b>Environment</b>	Indoor and Outdoor
<b>Medium Temperature*</b>	-20℃~60℃ (optional: -40℃~60℃)
<b>Working Pressure</b>	2~8 bar
<b>Working Medium</b>	Less Than 40µm Filtered and Dried Air
<b>Working Life</b>	More Than 1000,000 Cycle (On The Normal Working Condition)

Wiring Diagram	
	

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