



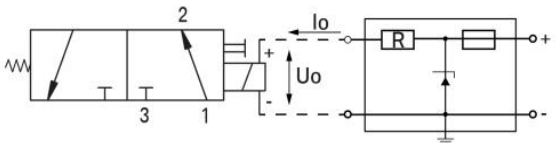
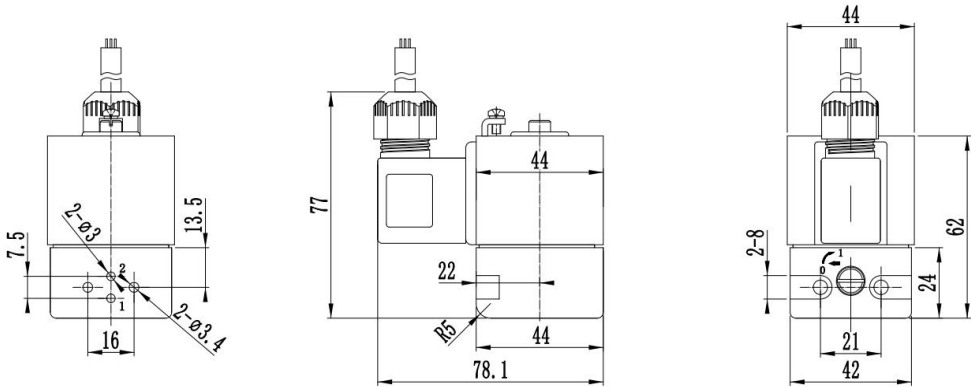
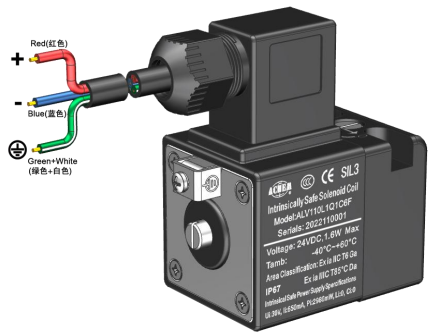


PRODUCT NAME	MODEL NO. ALV110L1Q1C6F
Direct Acting Intrinsic Safe Solenoid Valve (Cnomo)	
DESCRIPTION OF THE PRODUCT	
<p>Direct acting spring return normally closed solenoid valve with Ex ia IIC T6 Gb thermoplastic enclosure coil. According to the CNOMO-30 standard, this solenoid valve can be directly attached to various flow pneumatic valves to implement pilot control in hazardous area (Class 0 Zone 0).</p>	

APPROVED BY	Coil Specification (C6)				
   IP67	<table border="1"> <tr> <td>Coil Enclosure</td> <td>Thermoplastic</td> </tr> <tr> <td>Cable connection</td> <td>Flying leads (cable length 1 m and other lengths on request)</td> </tr> </table>	Coil Enclosure	Thermoplastic	Cable connection	Flying leads (cable length 1 m and other lengths on request)
Coil Enclosure	Thermoplastic				
Cable connection	Flying leads (cable length 1 m and other lengths on request)				

BODY TECHNICAL DATA		Supply Specifications for Coil of C6	
Body	Extruded aluminum + anodized coated	U max : in	30VDC
Seal	Buna N	I max : in	650mA
Fasteners	Stainless steel	W max : in	2980mW
Function	3/2 direct acting, spring return, NC,	C max : in	0
Manual Override	on the body	L max : in	0
Air Ports	φ3mm		
Flow rate	29.1L/M, CV=0.03 (Orifice 0.8mm)		
Mounting	CNOMO interface		
Working Medium	≤ 40μm filtered and dried air (0~8 bar)		
Working Temp.	-40°C~60°C		
Weather Proof	IP67		

Wiring connection instructions	Wiring with barrier
<p>The electrical connection between the safety barrier(or interface) placed in safe zone and the solenoid valve installed in a hazardous zone can be made using the flying leads cable (cable length 1 m and other lengths on request). Note that the solenoid valve has positive and negative wiring requirements, the red line is positive, the blue line is negative, and the green and white double color line is grounding.</p>	 <p>C6 or C7 coil in hazardous area</p> <p>Safety barrier or interface</p>

Dimension and Drawing	Wiring Operating
	

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