

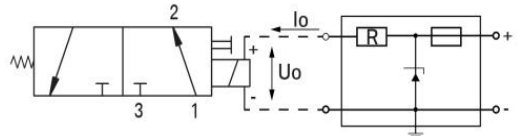


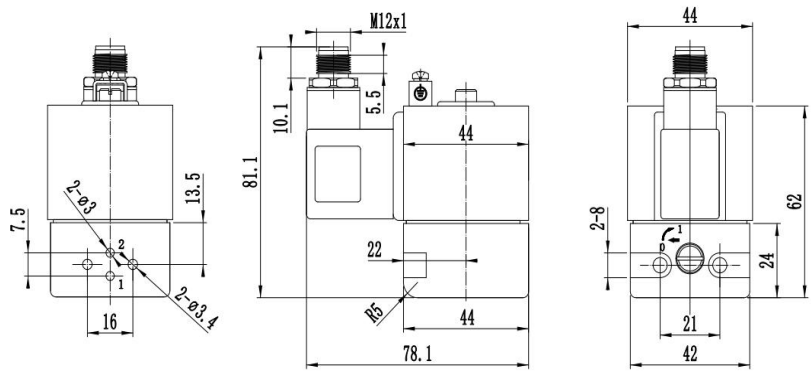
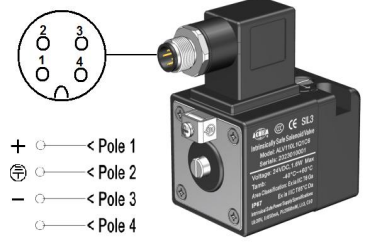
<b>PRODUCT NAME</b>	<b>MODEL NO. ALV110Q1C6S</b>
<b>Direct Acting Intrinsic Safe Solenoid Valve (Cnomo)</b>	
<b>DESCRIPTION OF THE PRODUCT</b>	
Direct acting spring return normally closed solenoid valve with Ex ia IIC T6 Ga thermoplastic enclosure coil. According to the CNOMO-30 standard, this solenoid valve can be directly attached to various flow pneumatic valves to implement pilot control in hazardous area (Class 1 Zone 0).	

<b>APPROVED BY</b>	<b>Coil Specification (C6S)</b>	
	Coil Enclosure	Thermoplastic
	Cable connection	M12×1-5 Socket (4 Pole)

<b>BODY TECHNICAL DATA</b>		Operating Voltage & Electric current	13.0~24VDC, 22~42mA at -20℃~60℃ 13.3~24VDC, 22~42mA at -40℃~60℃
Body	Extruded aluminum + anodized coated	Insulation Protection	H Class
Seal	Buna N	Insulated voltage	1000V
Fasteners	Stainless steel	Duty factor	100% ED
Function	3/2 direct acting, spring return, NC,	Area Classification	Ex ia IIC T6 Ga, Ex ia IIIC T85℃ Db
Manual Override	on the body		

<b>Supply Specifications for Coil of C6</b>	
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.	-20℃~60℃ (optional: -40℃~60℃ )
Weather Proof	IP67
Air Ports	∅3mm
U max : in	30VDC
I max : in	650mA
W max : in	2980mW
C max : in	0
L max : in	0

<b>Wiring connection instructions</b>	<b>Wiring with barrier</b>
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	 <p>C6 or C7 coil in hazardous area</p> <p>Safety barrier or interface</p>

<b>Dimension and Drawing</b>	<b>Wiring Circuit</b>
	 <p>                 + ◯ ◯ ◯ ◯ &lt; Pole 1                  ◯ ◯ ◯ ◯ &lt; Pole 2                  - ◯ ◯ ◯ ◯ &lt; Pole 3                  ◯ ◯ ◯ ◯ &lt; Pole 4             </p>

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