Data Sheet

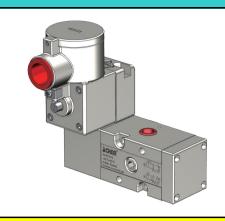
Product ID ALV210L1Q1C10-810U3

PRODUCT NAME

Multi-Function Pilot Acting Solenoid Valve of Flameproof

DESCRIPTION OF THE PRODUCT

It has two remarkable features. 1. The same valve body can be available with both Namur connection and In-line connection. 2. The 5/2 and 3/2 functions can be easily switched for the same valve body. This type of valve's flow rate is relatively large, and the air port can be selected between 1/4 and 1/2. Armed with stainless steel enclosure coil, this solenoid valve is excellent for being used in hazardous area Ex db IIC T6 Gb).



Body Seal

Fasteners

Function

Air Ports

Flow rate(Orifice)

Working Temp.

® ATEX

BODY TECHNICAL DATA



Stainless steel 316

CV =1.1 (19.63mm²)

Stainless steel

G1/4" or NPT





5/2 or 3/2NC,Pilot acting,Monostable



Coil Specification: ALV210L1Q	IC10	
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Coil Enclosure

) (Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
	O a service a Maltana	24/110/220VDC±10% ≤5W .
	Operating Voltage	24/110/220VAC±10% ≤ 6VA(50/60Hz)
	Voltage Tolerance	±10%
	Insulation Protection	H class
	Insulated voltage	1000V
	Duty factor	100% ED
	Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db, Class I, Division 1, Groups A, B, C, D T6

Wiring Diagram and Operating

Stainless steel 316

Manual Override on the body

Mounting & In-line

Buna N

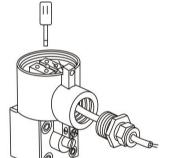
Working pressure $2{\sim}8$ bar

Working Medium less than 40µm filtered and dried air

-40℃~60℃

Environment. Indoor and Outdoor

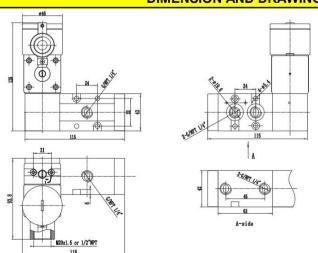
Wiring direction Front wiring

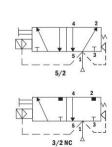




Note: The Exd Cable Gland is not included. Enquiry please contact with us.

DIMENSION AND DRAWING





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

ALLIED AUTOMATION

www.allied-actuator.com

info@allied-actuator.com

Data Sheet

Product ID ALV210L1Q1C10-810U3s

PRODUCT NAME

Multi-Function Pilot Acting Solenoid Valve of Flameproof

DESCRIPTION OF THE PRODUCT

It has two remarkable features. 1. The same valve body can be available with both Namur connection and In-line connection. 2. The 5/2 and 3/2 functions can be easily switched for the same valve body. This type of valve's flow rate is relatively large, and the air port can be selected between 1/4 and 1/2. Armed with stainless steel enclosure coil, this solenoid valve is excellent for being used in hazardous area Ex db IIC T6 Gb).

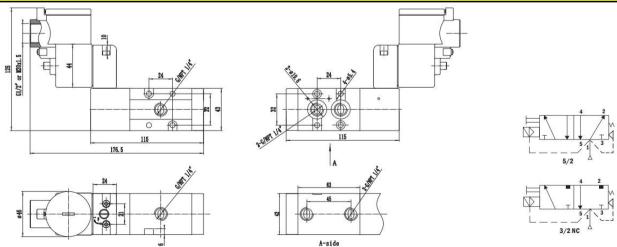
Indoor and Outdoor

Side wiring



APPROVED BY		Coil Specification: ALV210L1Q1C10	
(A)	X IEC IECEX (L IP67	Coil Enclosure	Stainless steel 316
ATEX IEC ROCK (E IP6		Wiring Connector	M20-1.5 or 1/2"NPT, Terminal Strip
BODY TECHNICAL DATA		Operating Voltage	24/110/220VDC±10% ≤5W .
Body Stainless steel 316			24/110/220VAC±10% ≤ 6VA(50/60Hz)
Seal Buna N		Voltage Tolerance	±10%
Fasteners Stainless steel		Insulation Protection	H class
Function 5/2 or 3/2NC,Pilot acting,Monostable		Insulated voltage	1000V
Flow rate(Orifice) CV =1.1 (19.63mm²)		Duty factor	100% ED
Air Ports G1/4" or NPT		Area Classification	Ex db IIC T6 Gb, Ex tb IIIC T85°C Db, Class I, Division 1, Groups A, B, C, D T6
Manual Override on the body		Wiring Diagram and Operating	
Mounting Namur mounting & In-line			
Working pressure 2∼8 bar			
Working Medium less than 40μm filtered and dried air Working Temp40℃~60℃			

DIMENSION AND DRAWING



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

Environment.

Wiring direction

Note: The Exd Cable Gland

is not included. Enquiry please contact with us.