



SOLENOID VALVE - G1/4

J Series

Cat No J011 - 06

5 / 2 Double solenoid pilot operated valve

Features

- ☐ Diaphragm operated poppet seat type
- ☐ Wide range of coil voltages
- ☐ Continuous duty cycle
- ☐ Low temperature of operation
- ☐ Manual operator (Screw driver type)
- ☐ Noiseless performance
- ☐ Good flow characteristics

Technical Specifications

Model #	EL25615		
Port size	Inlet, Outlet, Exhaust - G1/4		
Medium	Filtered, Lubricated compressed air		
Ambient Temperature	-10° to +60° C		
Medium temperature	+5° to +50° C		
Orifice (NW)	6		
Operating pressure range (bar)	2 - 10		
Flow rate (lpm) *	1200		
Electrical			
Coil width	32 mm		
Voltage (V) ± 10%	AC (50 Hz) 24, 48, 110, 220	DC	
		12	24, 48, 110
Power consumption (Watts)	6	9	8
Duty cycle	Continuous		
Type of coil protection	IP65		
Class of insulation	Class F		
Materials of construction	Aluminium, Brass, Stainless steel, Nitrile		

For ordering refer page no. 2.1.1

* at 6 bar inlet, 5 bar outlet, with pressure drop $\Delta p = 1$ bar

Spare parts list

Ref. No.	Coil (without socket)	Ordering no. for	
	Voltage	AC	DC
1	220	AC11A	- NA -
	110	AC11B	DC12Q
	48	AC11D	DC12S
	24	AC11G	DC12W
	12	- NA -	DC15R
2	Moving core sub assembly complete consists of 1. moving core subassembly 2. main spring	SSA0311	SSA0711
3	Solenoid valve sub assembly complete (without coil) Consists of 1. Solenoid valve sub assembly 2. Screws – 2 no's 3. 'O' rings – 2 no's	E22001-A	E22001-D
	Seal kit consists of all rubber items for the main valve (4)	SK5611	

Caution:

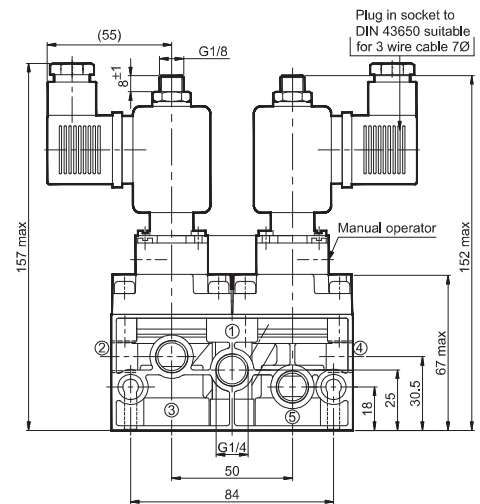
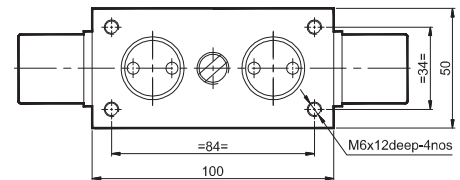
A. To ensure proper functioning

- Please ensure that inlet port is connected to tubing of 6 mm ID minimum from the compressor air source.
- Exhaust should not be restricted.

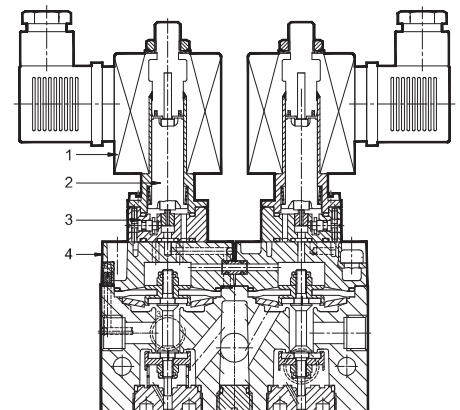
B. Stay put function

When the valve is in operation, it will be in stay out condition even if the power fails, provided the inlet pressure remains above 2 bar.

C. A.C coil should not be used on a D.C coil valve, and vice versa.



- ① - Inlet - 2 nos.
② ④ - Outlet
③ ⑤ - Exhaust





SOLENOID VALVE - G1/2

J Series

Cat No J012 - 06

5 / 2 Double solenoid pilot operated valve

Features

- ☐ Diaphragm operated poppet seat type
- ☐ Wide range of coil voltages
- ☐ Continuous duty cycle
- ☐ Low temperature of operation
- ☐ Manual operator (Screw driver type)
- ☐ Noiseless performance
- ☐ Good flow characteristics

Technical Specifications

Model #	EL25637		
Port size	Inlet, Outlet, Exhaust - G1/2		
Medium	Filtered, Lubricated compressed air		
Ambient Temperature	-10° to +60° C		
Medium temperature	+5° to +50° C		
Orifice (NW)	12		
Operating pressure range (bar)	2 - 10		
Cv value	3		
Flow rate (lpm) *	3000		
Electrical			
Coil width	32 mm		
Voltage (V) ± 10%	AC (50 Hz) 24, 48, 110, 220	DC	
		12	24, 48, 110
Power consumption (Watts)	6	9	8
Duty cycle	Continuous		
Type of coil protection	IP65		
Class of insulation	Class F		
Materials of construction	Aluminium, Brass, Stainless steel, Nitrile		

For ordering refer page no. 2.1.1

* at 6 bar inlet, 5 bar outlet, with pressure drop $\Delta p = 1$ bar

Spare parts list

Ref. No.	Coil (without socket)	Ordering no. for	
	Voltage	AC	DC
1	220	AC11A	- NA -
	110	AC11B	DC12Q
	48	AC11D	DC12S
	24	AC11G	DC12W
	12	- NA -	DC15R
2	Moving core sub assembly complete consists of 1. moving core subassembly 2. main spring	SSA0311	SSA0711
3	Solenoid valve sub assembly complete (without coil) Consists of 1. Solenoid valve sub assembly 2. Screws – 2 no's 3. 'O'rings – 2 no's	E22001-A	E22001-D
	Seal kit consists of all rubber items for the main valve (4)	SK5632	

Caution:

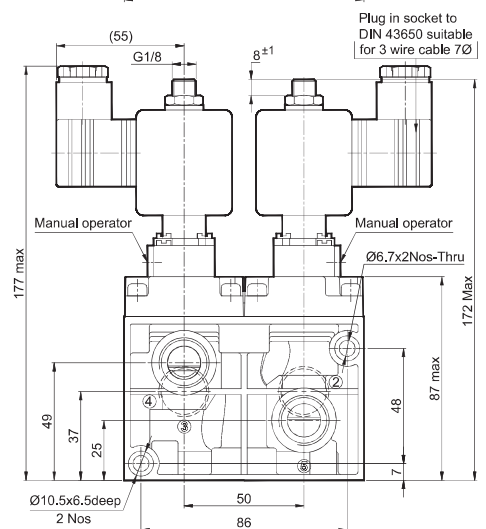
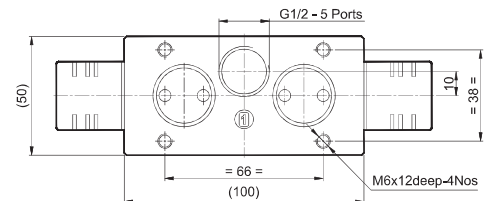
A. To ensure proper functioning

- Please ensure that inlet port is connected to tubing of 10 mm ID minimum from the compressor air source.
- Exhaust should not be restricted.

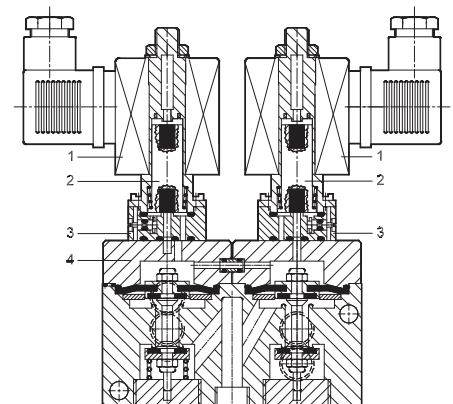
B. Stay put function

When the valve is in operation, it will be in stay out condition even if the power fails, provided the inlet pressure remains above 2 bar.

C. A.C coil should not be used on a D.C coil valve, and vice versa.



- ① - Inlet
- ② ④ - Outlet
- ③ ⑤ - Exhaust



SOLENOID VALVE

J Series

How to order

1. Solenoid valve + “ Connectors without LED ”

While ordering Solenoid operated valves, please mention the suffix given below along with the model number to indicate the required voltage

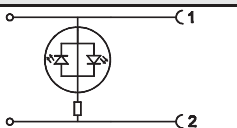
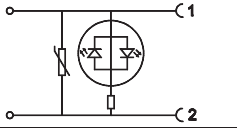
A	220V AC	Q	110V D C
B	110V AC	S	48V D C
D	48V AC	W	24V D C
G	24V AC	R	12V D C

Example

- The ordering no. for 3 / 2 pilot operated NC valve with 24V D.C coil is **EL14615-W**
- The ordering no. for 3 / 2 pilot operated NC valve with 24V D.C coil with Moulded cable is **EL14615-W1**

2. Solenoid valve + “ Connectors with LED ”

While ordering Solenoid operated valves with LED connectors, given below in the corresponding tables.

Voltage		Housing Colour & Indication		LED colour		Connection type	
A	220V AC	T0		R	Red	0	PG Cable entry
G	24V AC					1	Moulded cable (with 2metre length)
W	24V DC	T1					

Transparent housing with Bipolar LED indicator confirming supply voltage

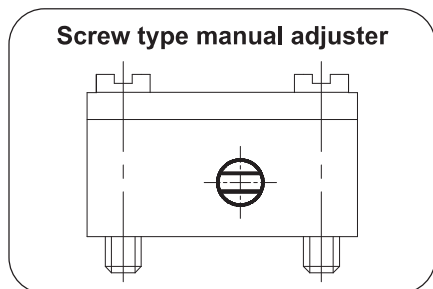
Transparent housing with Bipolar LED indicator confirming supply voltage plus varistor to give over voltage protection to the source and load

Example

The ordering no. for 3 / 2 pilot operated NC valve with 24V D.C, connectors with LED of Transparent colour housing with Bipolar LED and varistor with moulded cable : **EL14615-WT1R1**

Example

The ordering no. for 3 / 2 pilot operated NC valve with 24V D.C coil is **EL14615W** with screw type manual adjuster (Standard model)



Knob type manual adjuster

The ordering no. for 3 / 2 pilot operated NC valve with 24V D.C coil is **EL14615W - K** with knob type manual adjuster

