



# Solenoid valve 3/2 way N.C. Manual operation

31JR1W0B12-M

## PRESENTATION

Direct acting S.V. for interception of fluids compatible with the construction materials.

Minimum operational pressure is not required.

The materials used and the tests carried out ensure maximum reliability and duration.

**USE:** Automation  
Heating

**PIPES:** G 1/8

**COILS:** 5W - Ø 10  
LBA 155°C (class F)  
LBF - LBV 180°C (class H)

**COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL**

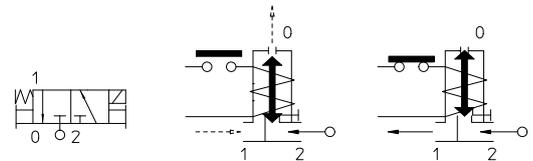
Max. allowable pressure (PS) 40 bar

Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature		Medium
	- 10°C	+ 90°C	
<b>B</b> =NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water
<b>V</b> =FKM (fluoroelastomer)	- 10°C	+ 140°C	Mineral oils (2°E), gasoline gas oil, fuel oils (5°E)



For seals other than NBR replace the letter "B" with the ones corresponding to the other seals. E.I. 31JR1W0**V**12-M.

Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
								AC bar	DC bar
G 1/8	31JR1W0 <b>B</b> 12-M	12	~ 2	1,2*	0,6	5	0	15	15

## Note

\* 3rd way exhaust= Ø 1,5 mm

Also available with brass body without lead.

Available on request and with minimum quantities.

The "ODE" reserves the right to carry out technical and aesthetic modifications without prior notification.

## MATERIALS:

<b>Body</b>	Brass - UNI EN 12164 CW614N
<b>Armature tube</b>	Stainless steel AISI series 300
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring</b>	Copper - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	Standard: B=NBR On request: V=FKM
<b>Orifice:</b>	Brass - UNI EN 12164 CW614N

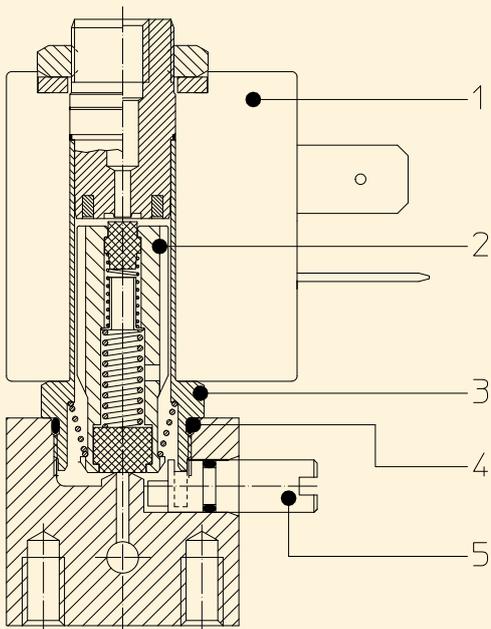
<b>On request:</b>	Pg 9 or Pg 11
<b>Connector</b>	ISO 4400
<b>Connector conformity</b>	

## FEATURES:

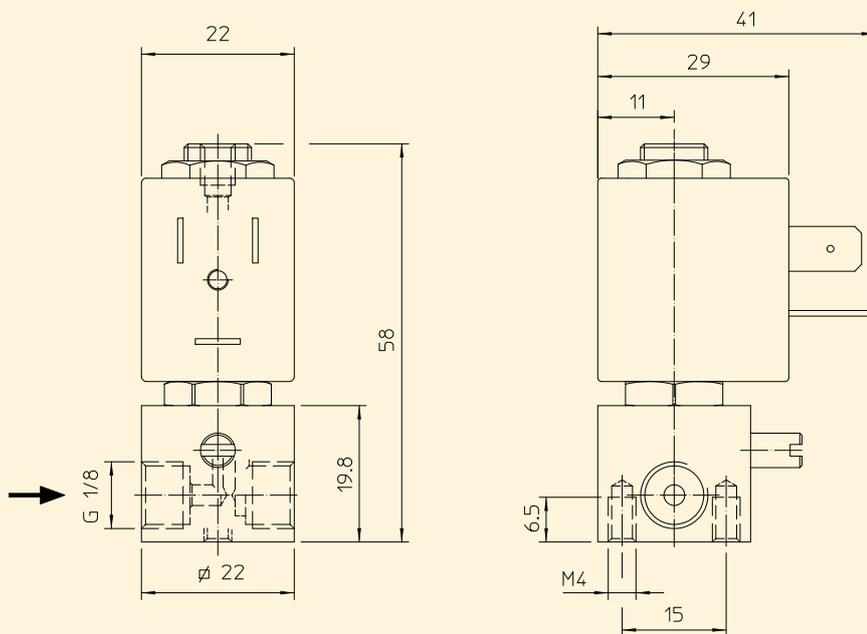
<b>Electrical conformity</b>	IEC 335
<b>Protection degree</b>	IP 65 EN 60529 (DIN 40050) with coil fitted by connector.

## SPARE PARTS:

- Coil:**  
See coils list
- Complete plunger:**  
Code R452061/B
- Complete armature tube:**  
Code R452074
- Gasket O-Ring:**  
Code R990597/B
- Screw for manual operation:**  
Code R450576



## DIMENSIONS:



COIL TYPE	POWER ABSORPTION		
	W	Hold VA ~	Inrush VA ~
L	5	10	15