



**Solenoid valve 3/2 way N.C.**  
**Direct acting - Hose connection exhaust**  
**NSF Certified**

**31JP1XP1V12-ST0**  
 ÷  
**31JP1XR23**

**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:** Vending

**PIPES:** G 1/8

**COIL:** 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.**

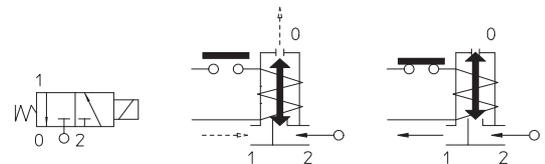
Max. allowable pressure (PS) 16 bar

Ambient temperature:

See coils catalogue page for its compatibility.



Gaskets	Temperature	Medium
V=FKM (fluoroelastomer)	- 10°C + 140°C	Water, air, steam



Pipe ISO 228/1	Code	Fig.	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	31JP1XP1V12-ST0●	1	12	~ 2	1,2*	0,75	5	0	15	15
	31JP1XP1V12-T0 ●									-
	31JP1XR23	2	37	~ 5	2,3*	1	5	5	5	
	31JP1XP1V23-ST0●	1							-	
	31JP1XP1V23-T0 ●									2
	31JP1XR23	2							-	



**Note**

\* 3rd way exhaust= Ø 1,7 mm | Max torque for fittings 1,5 Nm, coil nut assembly 2 Nm max; armature tube 4 Nm | Available also with coil Ex nA | The use of rigid sealings (Ruby or PTFE) usually implies a slight leakage, limited within 2scc/min at the pressure of 1 bar | For application with steam or with PS above the 16 bar, please consult our Technical Service| Available on request and with minimum quantities.

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

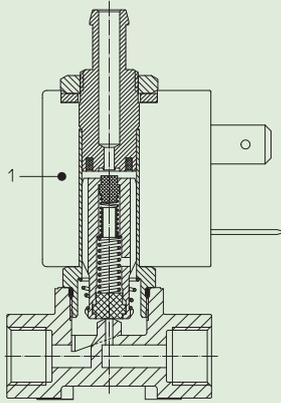


Fig. 1

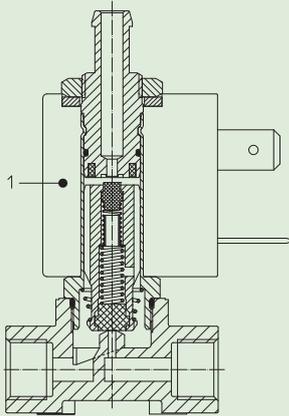


Fig. 2

**MATERIALS:**

<b>Body</b>	PPS
<b>Armature tube (fig.1)</b>	Stainless steel AISI series 300
<b>Armature tube (fig.2)</b>	Brass - UNI EN 12165 CW617N
<b>Fixed core</b>	Stainless steel AISI series 400
<b>Plunger</b>	Stainless steel AISI series 400
<b>Phase displacement ring (fig.1)</b>	Gold plated copper
<b>Phase displacement ring (fig.2)</b>	Copper - Cu 99,9%
<b>Spring</b>	Stainless steel AISI series 300
<b>Seal</b>	V=FKM
<b>Orifice</b>	PPS

**On request:**

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

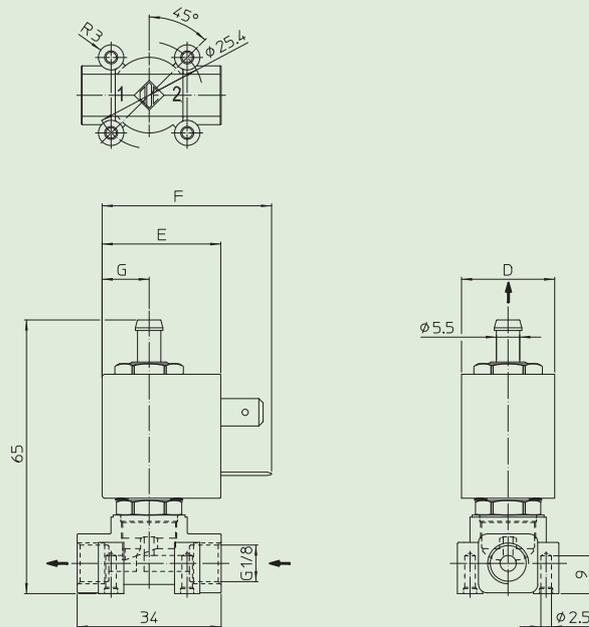
**FEATURES:**

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

**SPARE PARTS:**

1. **Coil:**  
See coils list

**DIMENSIONS:**



COIL TYPE	POWER ABSORPTION			DIMENSIONS			
	W =	Hold VA ~	Inrush VA ~	D mm	E mm	F mm	G mm
L	5	10	15	22	27,5	39,5	11