



Solenoid valve 3/2 way N.C. Direct acting - NSF Certified

31AP5A1V15-T0

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31AP5A1V30-T0

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: Push-in Ø 4

COIL: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)

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

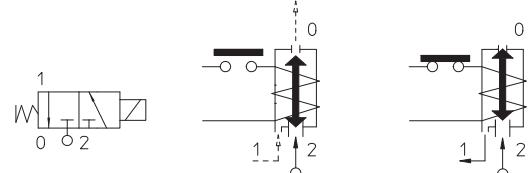
Ambient temperature:

See coils catalogue page for its compatibility.



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

Verify tubes for pressure characteristics and operating temperatures.



Max allowable pressure (PS) 16 bar - According to EN 60730-2-8 - Factor of safety for domestic applications equal to 5 times PS

Pipe	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure	
		cSt	°E				min bar	M.O.P.D AC bar
P.I. Ø 4	31AP5A1V15-T0	12	~ 2	1,5*	1,1	8	0	15
	31AP5A1V20-T0	37	~ 5	2*	1,8			10
	31AP5A1V25-T0	53	~ 7	2,5*	2,5			6
	31AP5A1V30-T0			3*	3,4			5

Max allowable pressure (PS) 25 bar - Safety factor for industrial application equal to 3 times PS | Please consult our Technical Service.

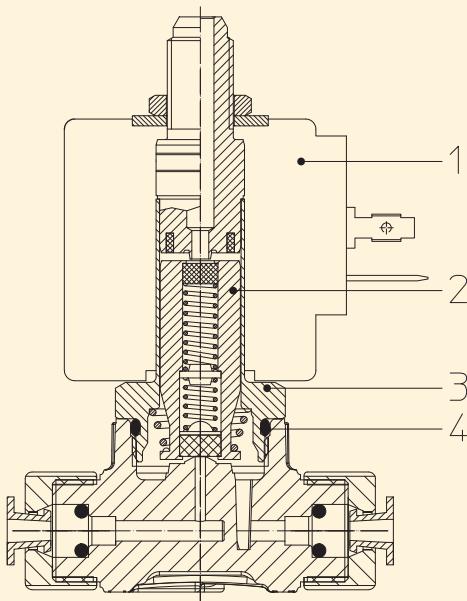


COMPONENT

Note

* 3rd way exhaust= Ø 2,5 mm | Coil nut assembly 2 Nm max; armature tube 4 Nm | For tubes: PA and PTFE tolerance max ($\pm 0,1$) | Available on request the Push-in locking clip, see catalogue page R992404/ | Available 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.



MATERIALS:

Body	PPS
Armature tube	Stainless steel AISI series 300
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Gold plated copper
Spring	Stainless steel AISI series 300
Seal	V=FKM
Orifice	PPS
OR Pipe	EPDM

On request:

Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

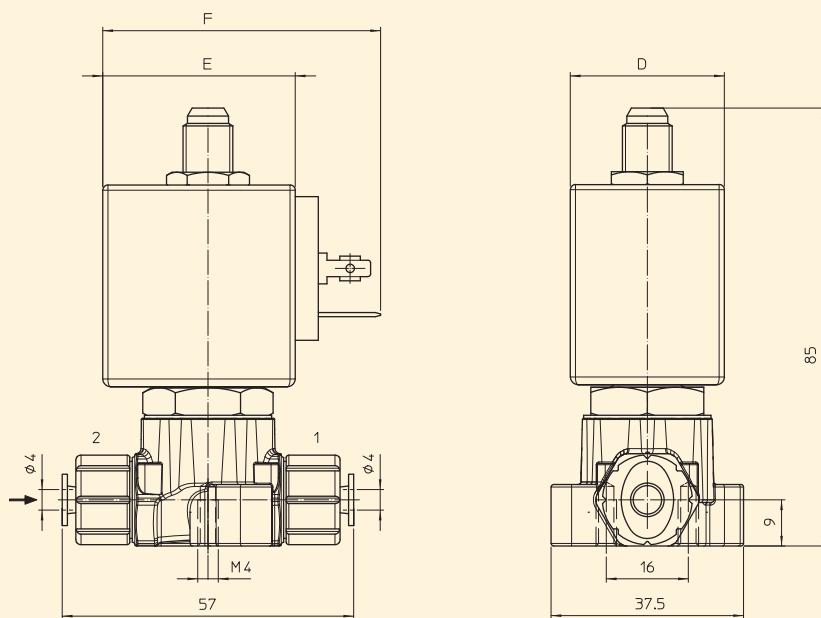
FEATURES:

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

SPARE PARTS:

- 1. Coil:**
See coils list
- 2. Complete plunger:**
Code R453269/VX
- 3. Complete armature tube:**
Code R451830/D
- 4. Gasket O-Ring:**
Code R990000/VX

DIMENSIONS:



COIL TYPE	POWER ABSORPTION			DIMENSIONS		
	W ---	Hold VA ~	Inrush VA ~	D mm	E mm	F mm
B	8	14,5	25	30	42	54



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USE: Vending

PIPES: Push-in Ø 6

COIL: 8W - Ø 13
BDA - BSA 155°C (class F)
BDV 180°C (class H)

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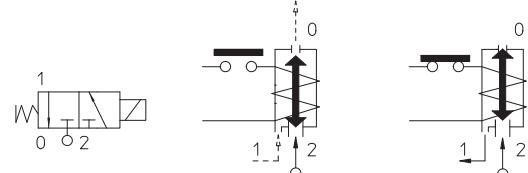
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		cSt	°E				min bar	M.O.P.D AC bar
P.I. Ø 6	31AP6A1V15-T0	12	~ 2	1,5*	1,1	8	0	15
	31AP6A1V20-T0	37	~ 5	2*	1,8			10
	31AP6A1V25-T0	53	~ 7	2,5*	2,5			6
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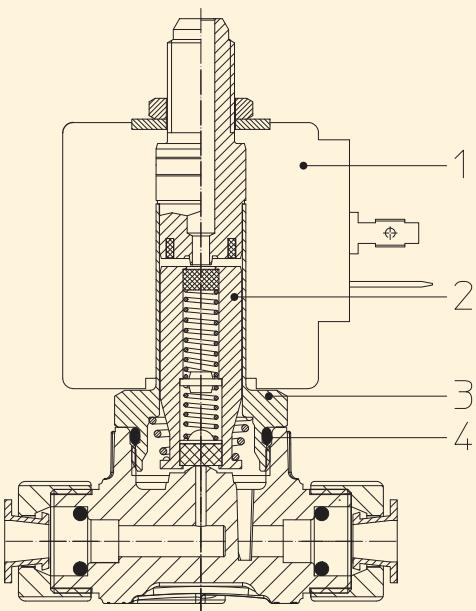


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Connector conformity	ISO 4400

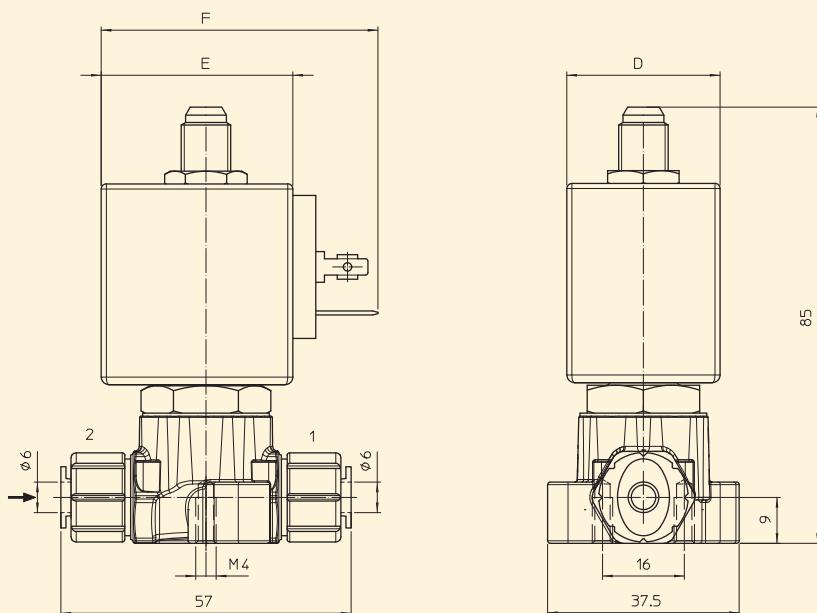
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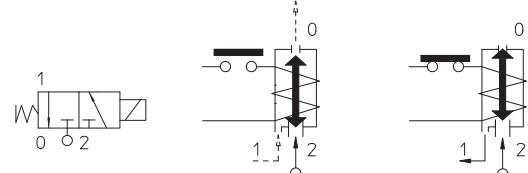
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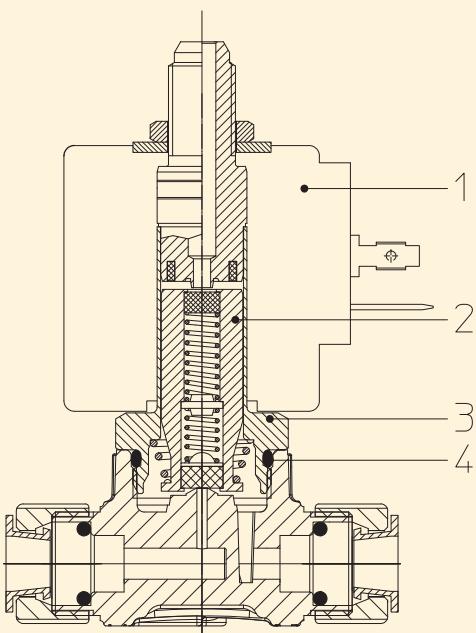


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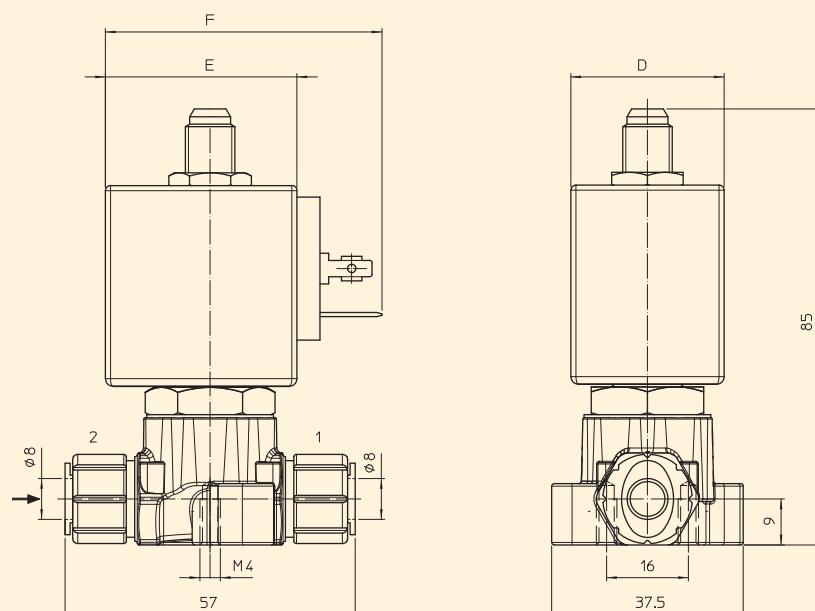
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