Solenoid valve 3/2 way N.C.
Direct acting

31A1AV10 ÷ 31A1AV25

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: subplate mounting

COILS 8W - Ø 13

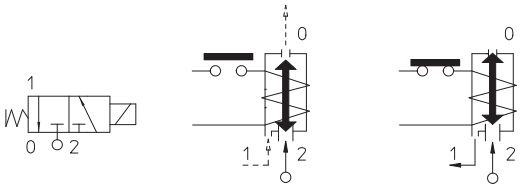
BDA - BSA	155°C	(class F)
BDV	180°C	(class H)

(1)Explosion-proof housing for coils with electrical connections EN 175301-803 on request.

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
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (7°E)
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water

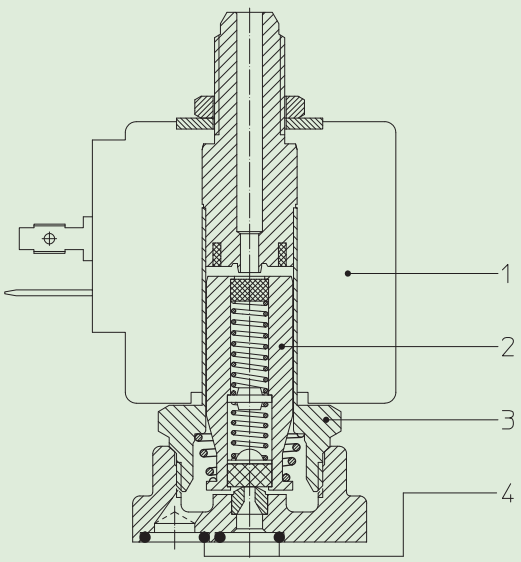


For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 31A1A**B**20.

Pipe	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
SUBPLATE MOUNTING	31A1A**V**10	12	~ 2	1*	0,45	8	0	20	20
	31A1A**V**15			1,5*	1,4			15	15
	31A1A**V**20	37	~ 5	2*	2			10	10
	31A1A**V**25	53	~ 7	2,5*	3,2			6	6

Note
* 3rd way exhaust= Ø 2,5 mm
Also available with brass body without lead.

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



MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Armature tube	Stainless steel AISI series 300
Fixed core	Stainless steel AISI series 400
Plunger	Stainless steel AISI series 400
Phase displacement ring	Copper - Cu 99,9%
Spring	Stainless steel AISI series 300
Seal	Standard: V=FKM On request: B=NBR
Orifice: Insert slot	Stainless steel AISI series 300

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.

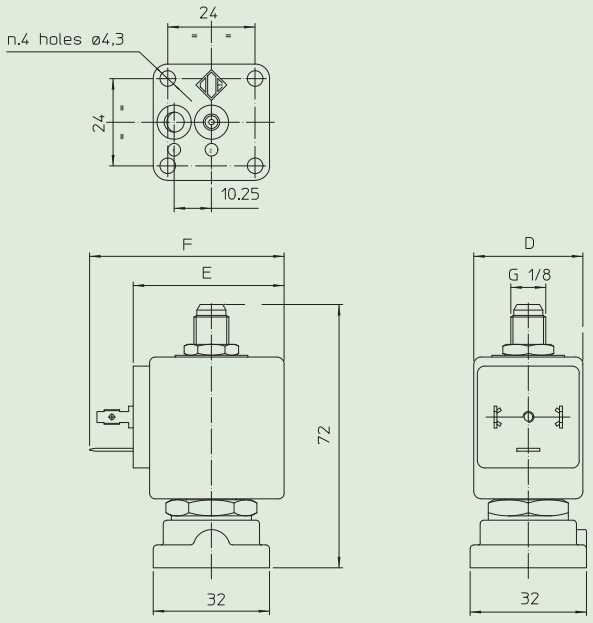
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R450675/***V***
3. **Complete armature tube:**
   Code R450944
4. **Gasket O-Ring:**
   Code R990002/**S**

KIT:

KT130A***V***30-A=***2+3***

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