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

31JN1W0*V*12 ÷ 31JN1W0*V*23

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

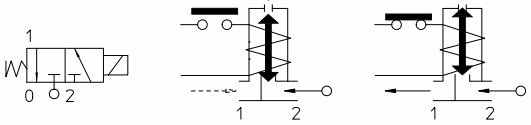
COILS: 5W - Ø 10

LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)	40 bar
Environment temperature:	
with coil class **F**	- 10°C + 60°C
with coil classl **H**	- 10°C + 80°C

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

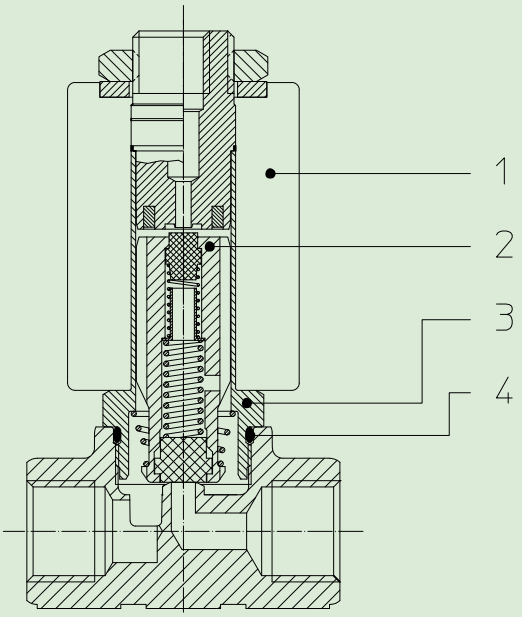


For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 31JN1W0**B**12.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
G 1/8	31JN1W0**V**12	12	~ 2	1,2*	1	5	0	15	15
	31JN1W0**V**23	37	~ 5	2,3*	2,3			5	5

Note
* 3rd way exhaust= Ø 1,5 mm
Also available with brass body without lead.

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



MATERIALS:

Body	Brass
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	Brass
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.

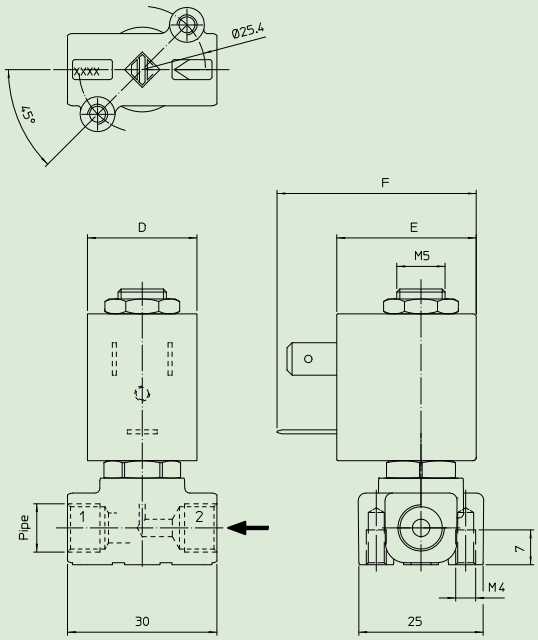
SPARE PARTS::

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R452061/***V***
3. **Complete armature tube:**
   Code R452074
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100W0***V***25-FJ=***2+3+4***

DIMENSIONS:



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

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

31JN1XP*V*12 ÷ 31JN1XP*V*23

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

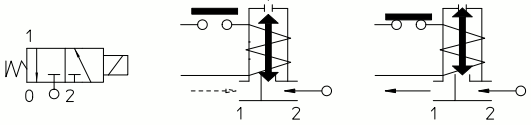
COILS: 5W - Ø 10

LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)	40 bar
Environment temperature:	
with coil class **F**	- 10°C + 60°C
with coil class **H**	- 10°C + 80°C

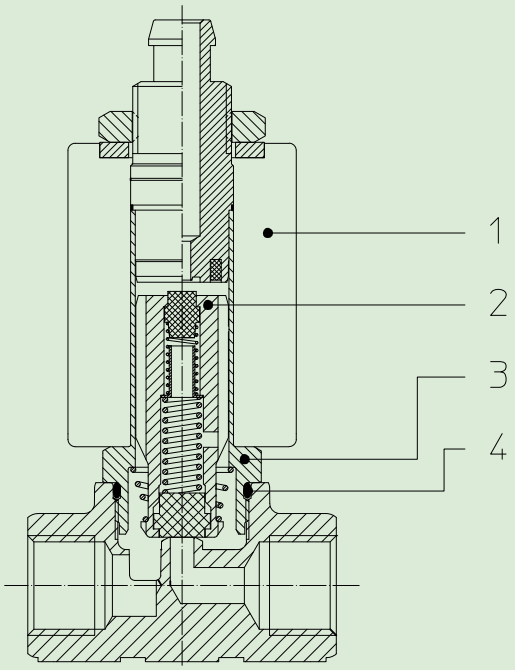
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (5°E)



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
G 1/8	31JN1XP**V**12	12	~ 2	1,2*	1	5	0	15	-
	31JN1XP**V**23	37	~ 5	2,3*	2,3			5	

Note
* 3rd way exhaust= Ø 1,7 mm
Also available with brass body without lead.

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



MATERIALS:

Body	Brass
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	V=FKM
Orifice	Brass

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.

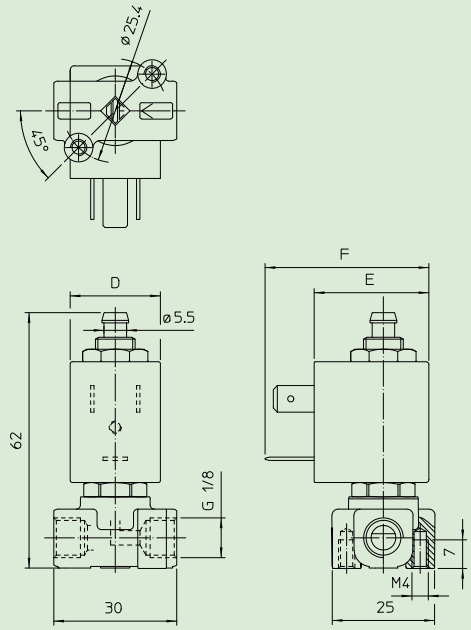
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R452061/***V***
3. **Complete armature tube:**
   Code R452095
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100XP***V***25-IJ=***2+3+4***

DIMENSIONS:



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

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

31JN1XPV12-S

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

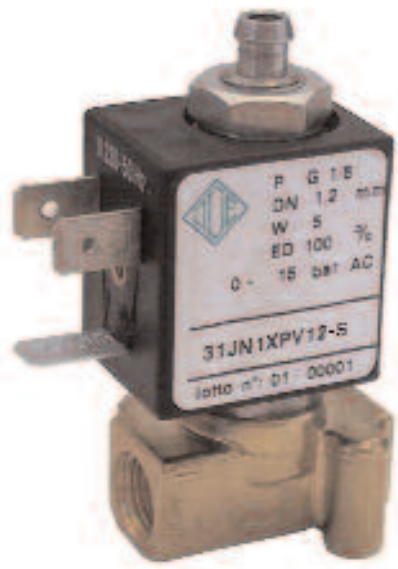
PIPES: G 1/8

COIL: 5W - Ø 10

LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

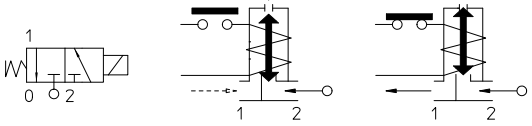
MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)	40 bar
Ambient temperature:	
with coil class **F**	- 10°C + 60°C
with coil class **H**	- 10°C + 80°C



Special item-not standard

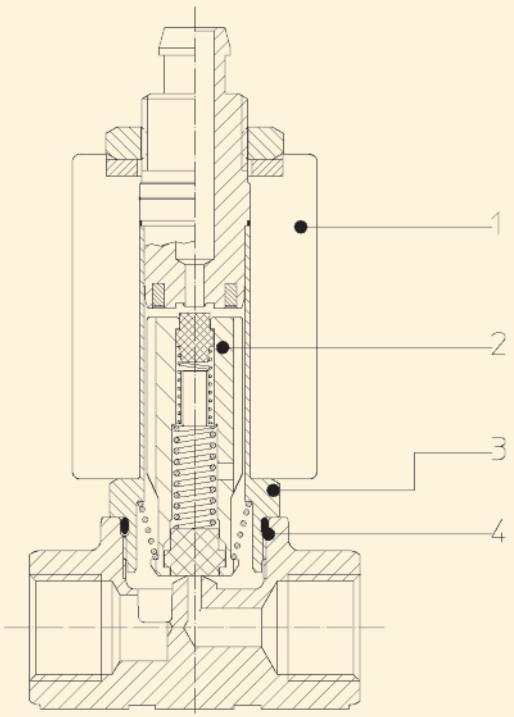
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (5°E)



Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
G 1/8	31JN1XP***V***12-S	12	~ 2	1,2*	1	5	0	15	15

Note
* 3rd way exhaust= Ø 1,7 mm
Available also 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:

Body	Brass
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	V=FKM
Orifice	Brass

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.

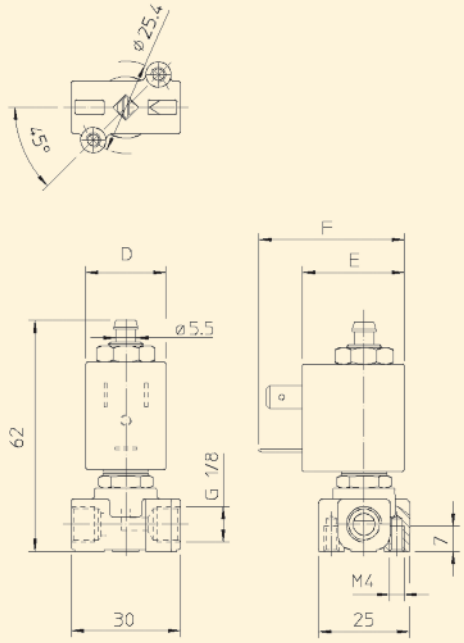
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R452061/***V***
3. **Complete armature tube :**
   Code R452198
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100XP***V***25-FJ=***2+3+4***

DIMENSIONS:



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

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

31JR1W0B12-M ÷ 31JR1W0B15-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

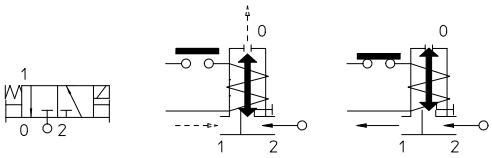
LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 40 bar
Ambient temperature:
with coil class **F** - 10°C + 60°C
with coil class **H** - 10°C + 80°C

Special item-not standard

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

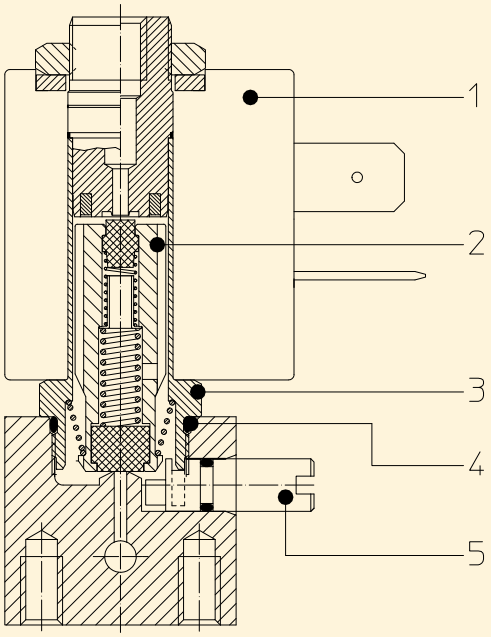


For seals other than NBR replace the letter "**B**" with the ones corresponding to the other seals. E.I. 31JR1W0**V**12-M.

Pipe ISO 228/1	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
G 1/8	31JR1W0**B**12-M	12	~ 2	1,2*	0,6	5	0	15	15
	31JR1W0**B**15-M			1,5*	1			10	10

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:

Body	Brass - UNI EN 12164 CW614N
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: B=NBR On request: V=FKM
Orifice:	Brass - UNI EN 12164 CW614N
On request:	
Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

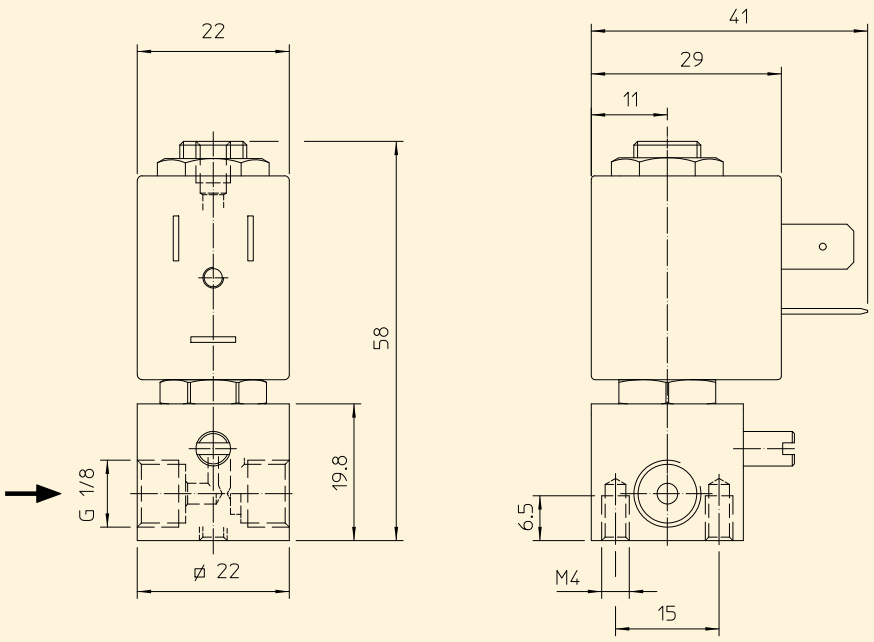
FEATURES:

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 R452061/**B**
3. **Complete armature tube:**
   Code R452074
4. **Gasket O-Ring:**
   Code R990597/**B**
5. **Screw for manual operation:**
   Code R450576

DIMENSIONS:



COIL	POWER ABSORPTION	
W ⎓	Inrush VA ~	Hold VA ~
5 W	15	11

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

31JKBW0*V*12

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

PIPES: subplate mounting

COILS: 5W - Ø 10

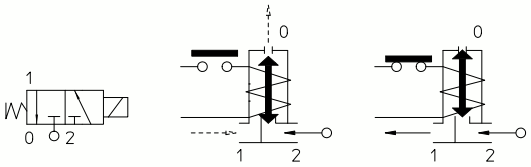
LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS)	40 bar
Environment temperature:	
with coil class **F**	- 10°C + 60°C
with coil class **H**	- 10°C + 80°C

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

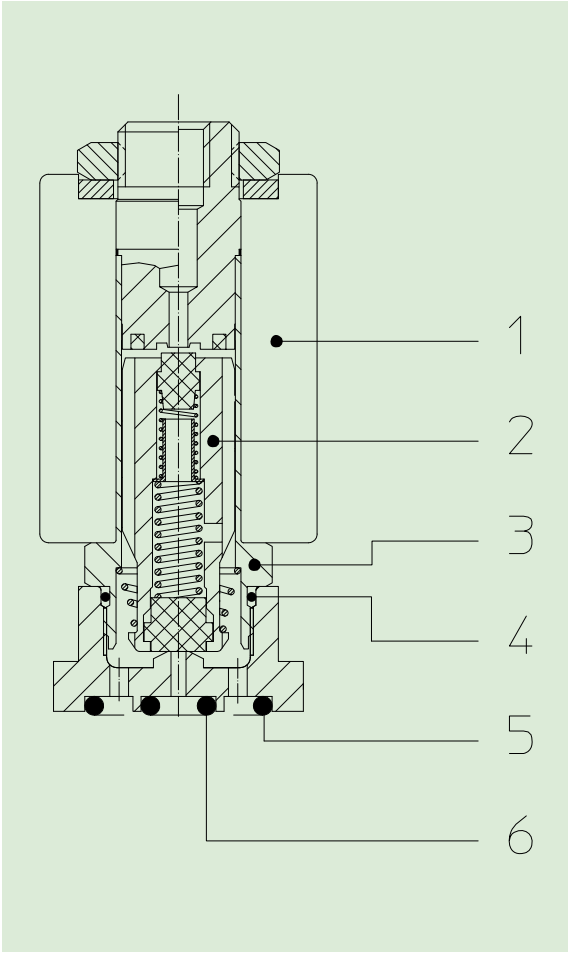
For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 31JKBW0**B**12.



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	31JKBW0**V**12	12	~ 2	1,2*	1	5	0	15	15

Note
* 3rd way exhaust= Ø 1,5 mm

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



MATERIALS:

Body	Brass - UNI EN 12164 CW614N
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 400
Seal	Standard: V=FKM On request: B=NBR
Orifice	Brass - UNI EN 12164 CW614N
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.

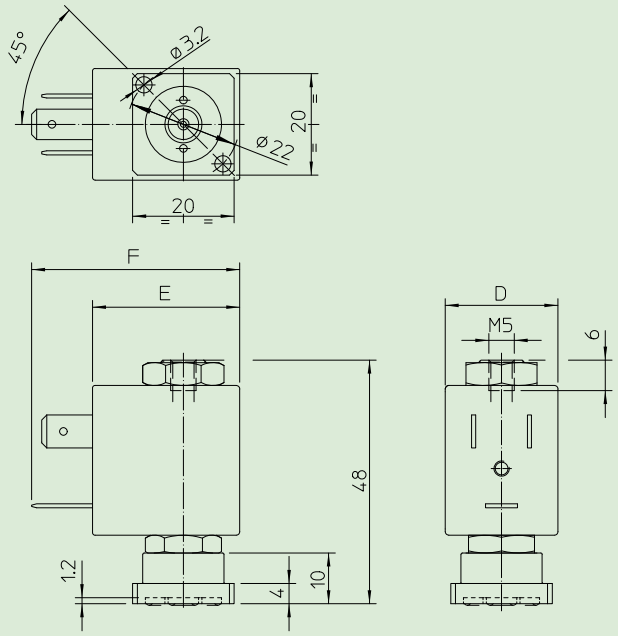
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R452061/***V***
3. **Complete armature tube:**
   Code R452074
4. **Gasket O-Ring:**
   Code R990597/***V***
5. **Gasket O-Ring:**
   Code R990557/***V***
6. **Gasket O-Ring:**
   Code R990169/***V***

KIT:

KT100W0***V***25-FJ=***2+3+4***

DIMENSIONS:



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

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

4628Y0V12

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

PIPES: subplate mounting

COIL: 5W - Ø 10

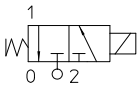
LBA	155°C (class F)
LBF - LBV	180°C (class H)

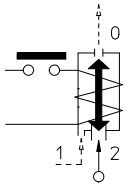
MOULDING AND BOBBIN ARE MADE BY 100% VIRGIN MATERIAL.

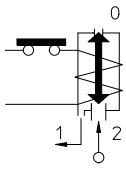
Max. allowable pressure (PS)	40 bar
Ambient temperature:	
with coil class **F**	- 10°C + 60°C
with coil class **H**	- 10°C + 80°C

Special item-not standard

Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 140°C	Mineral oils (2°E),gasoline gas oil



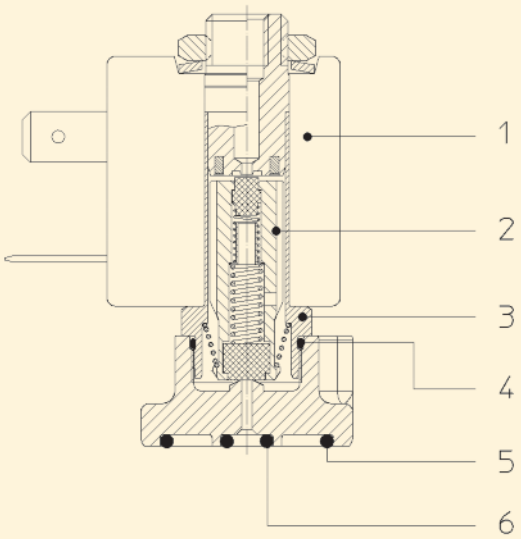




Pipe	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	(watt)	bar	AC bar	DC bar
SUBPLATE MOUNTING	4628Y0**V**12	12	~ 2	1,2*	-	5	0	15	-

Note.
*3rd way exhaust= Ø 1,2 mm
Available on request and with minimum quantities.

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



MATERIALS:

Body	Brass - UNI EN 12164 CW614N
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	V=FKM
Orifice	Brass - UNI EN 12164 CW614N

On request:	
Connector	Pg 9 or Pg 11
Connector conformity	ISO 4400

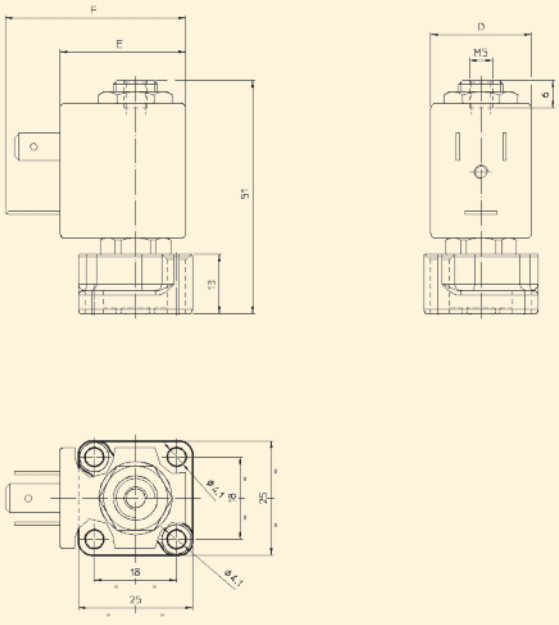
FEATURES:

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 R452061/**V**
3. **Complete armature tube:**
   Code R452143
4. **Gasket O-Ring:**
   Code R990597/**V**
5. **Gasket O-Ring:**
   Code R990001/**V**
6. **Gasket O-Ring:**
   Code R990003/**V**

DIMENSIONS:



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