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

21JN1R0*V*12 ÷ 21JN1R0*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

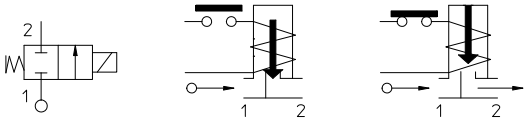
COILS
2,5W - Ø 10
LBA 155°C (class F)
5W - Ø 10
LBA 155°C (class F)
LBF - LBV 180°C (class H)

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.

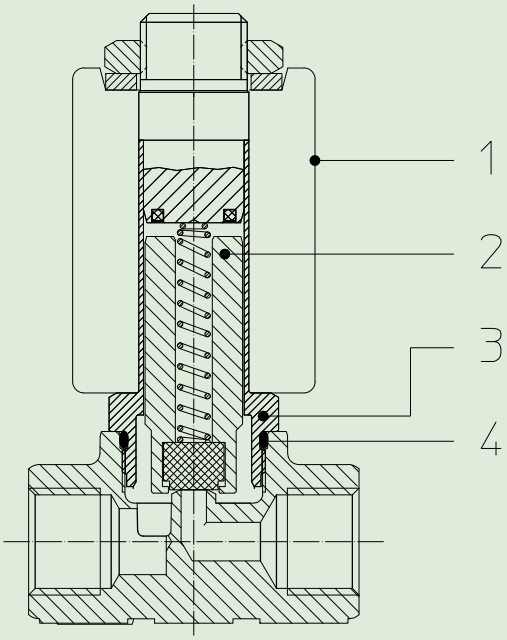
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (5°E)
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water

For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I 21JN1R0**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	21JN1R0**V**12	12	~ 2	1,2	1	2,5	0	20	3,5
						5		25	12
	21JN1R0**V**23	37	~ 5	2,3	2,3	2,5		6	-
						5		18	8

Note
Available also with brass body without lead.



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.

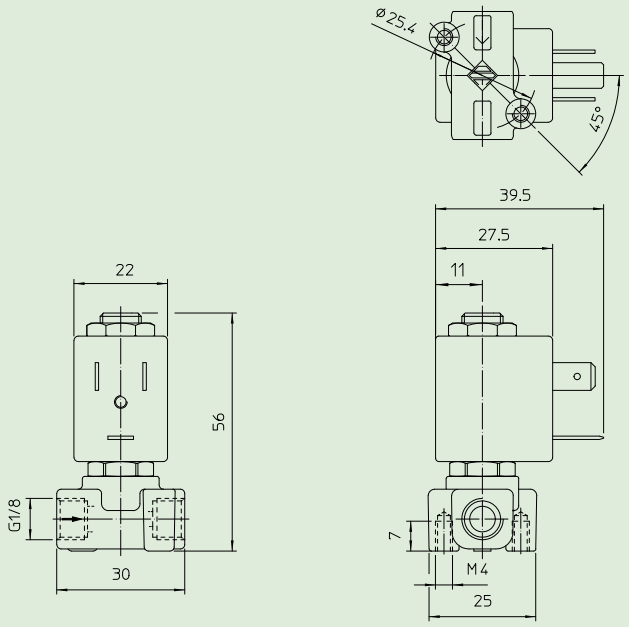
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R451101/***V***
3. **Complete armature tube:**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100R0***V***25-FJ=***2+3+4***

DIMENSIONS:



COIL TYPE	POWER ABSORPTION		
	W ⎓	Hold VA ~	Inrush VA ~
L	2,5	5	7
	5	10	15

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

21JN1R0V15 ÷ 21JN1R0V20

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

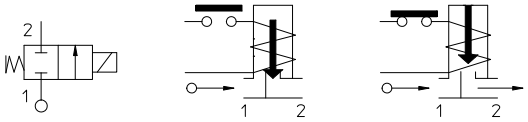
PIPES: G 1/8

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

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.

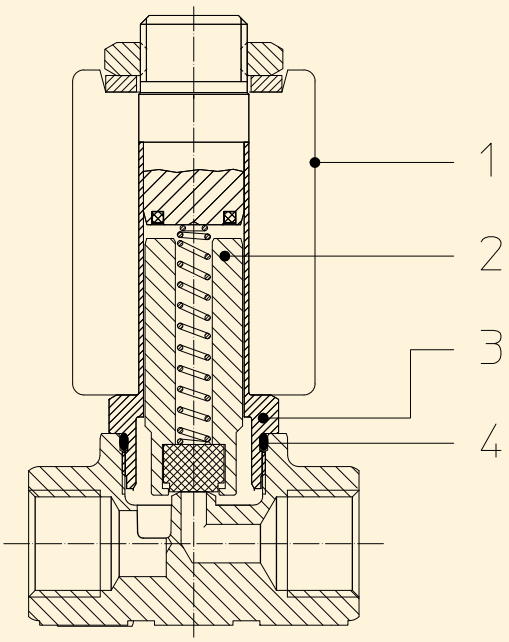
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (5°E)
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water



For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I. 21JN1R0**B**15.

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	21JN1R0**V**15	12	~ 2	1,5	1,1	5	0	-	6,5
	21JN1R0**V**20	37	~ 5	2	2			22	10

Note
Available also with brass body without lead.
Available on request and with minimum quantities.



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.

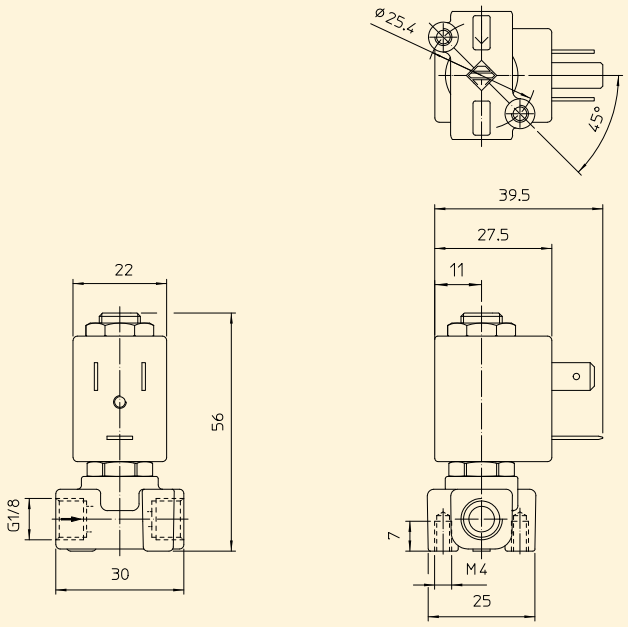
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R451101/***V***
3. **Complete armature tube :**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100R0***V***25-FJ=***2+3+4***

DIMENSIONS:



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

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

21JBMR0*B*20

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: M5

COILS: 5W - Ø 10

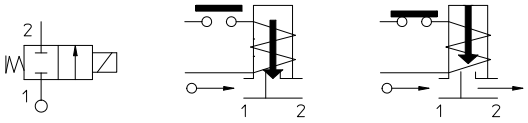
LBA	155°C	(class F)
LBF - LBV	180°C	(class H)

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.

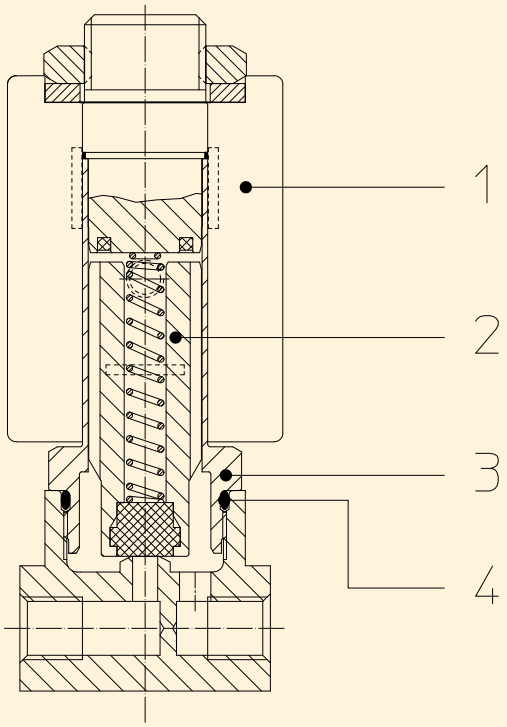
Special item-not standard

Gaskets	Temperature		Medium
B=NBR (nitrile rubber)	- 10°C	+ 90°C	Air, inert gas, water



Pipe D-ISO UNI 4534	Code	Max viscosity		Ø	Kv	Power	Pressure		
							min	M.O.P.D.	
		cSt	°E	mm	l/mn	watt	bar	AC bar	DC bar
M5	21JBMR0**B**20	37	~ 5	2	2	5	0	22	10

Note
Available on request and with minimum quantities.



MATERIALS:

Body	Brass - UNI EN 12165 CW617N
Armature tube	Stainless steel AISI series 400
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	B=NBR
Orifice	Brass - UNI EN 12165 CW617N
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.

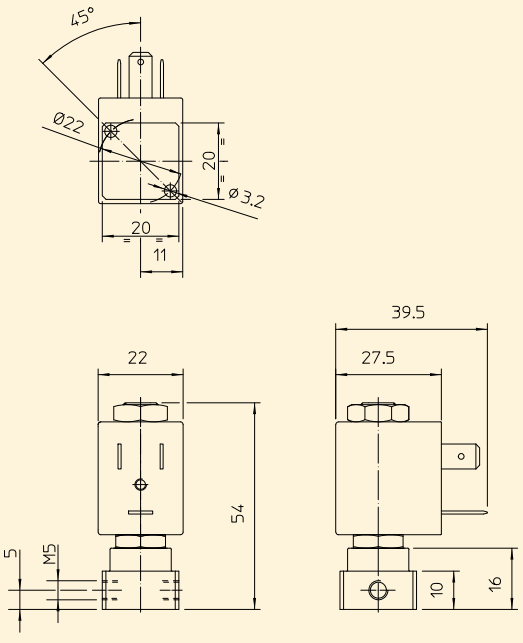
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R451101/***B***
3. **Complete armature tube:**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597/***B***

KIT:

KT100R0***B***25-FJ=***2+3+4***

DIMENSIONS:



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

Solenoid valve 2/2 way N.O.
Direct acting

21JN1I0V12 ÷ 21JN1I0V23

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

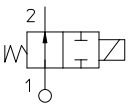
COIL: 5W - Ø 10

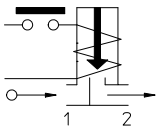
LBA	155°C	(classe F)
LBF - LBV	180°C	(classe H)

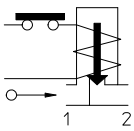
COIL HOUSING AND COIL FORMER MATERIAL ARE MADE BY 100% VIRGIN MATERIAL.

Max. allowable pressure (PS) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
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



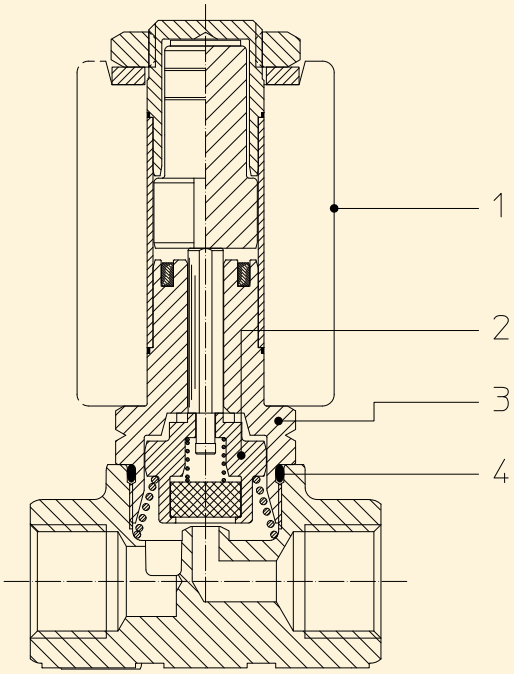




For seals other than FKM replace the letter "**V**" with the ones corresponding to the other seals. E.I 21JN1I0***B***12.

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	21JN1I0**V**12	12	~ 2	1,2	1	5	0	23	17
	21JN1I0**V**23	37	~ 5	2,3	2,3			6	5

Note
Available also with brass body without lead.
Available on request and with minimum quantities.



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.

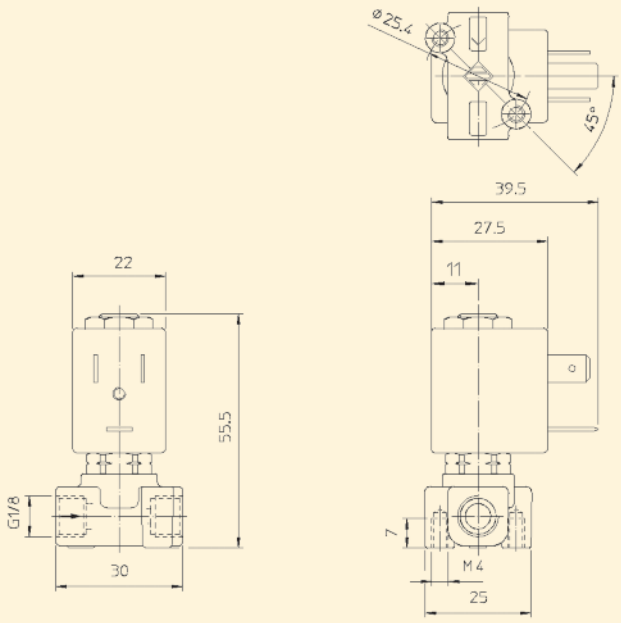
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete armature tube without gasket:**
   Code R452964/***V***
3. **Complete armature tube:**
   Code R452959
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100I0***V***25-F=***2+3+4***

DIMENSIONS:



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

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

21JN1R0V15-RP

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

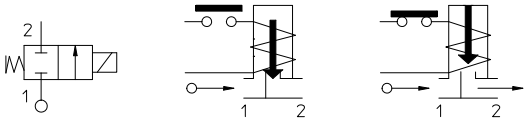
PIPES: G 1/8

COIL: 5W - Ø 10

LBA	155°C (class F)
LBF - LBV	180°C (class H)
8W ED 50% - Ø 10	
LBA08024HS	155°C (class F)

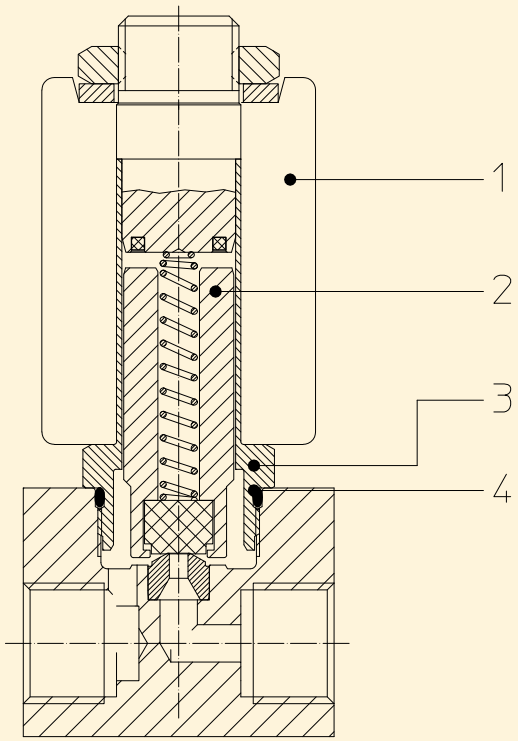
Max. allowable pressure (PS) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.

Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+ 140°C	Mineral oils (2°E),gasoline gas oil, fuel oils (7°E)



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	21JN1R0**V**15-RP	12	~ 2	1,5	1,1	5	0	25	10
						8 * ED 50%		-	18
	21JN1R0**V**20-RP	37	~ 5	2	2	5		22	8
						8 * ED 50%		-	8

Note
* Standard cycle time - 1 minute.
Available on request and with minimum quantities.



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: 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.

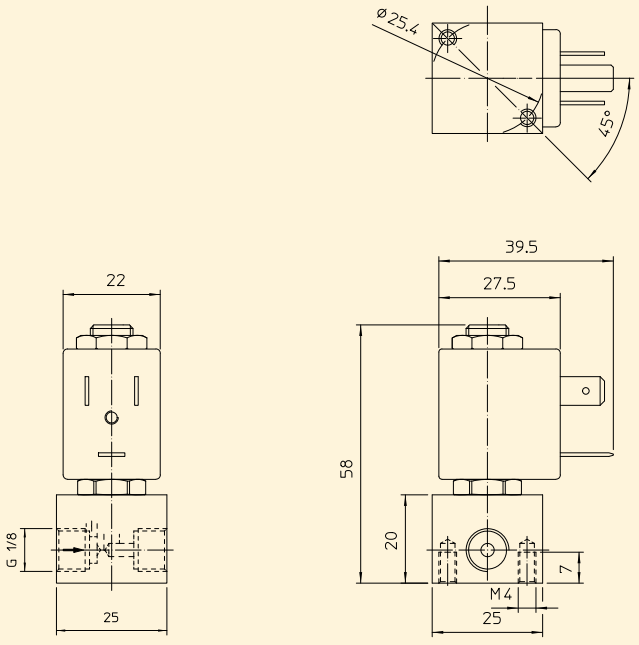
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R451101/***V***
3. **Complete armature tube :**
   Code R452062
4. **Gasket O-Ring:**
   Code R990597/***V***

KIT:

KT100R0***V***25-FJ=***2+3+4***

DIMENSIONS:



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

21JN1R1V12-T3
÷
21JN1R1V23-T3

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
Fluid food

PIPES: G 1/8

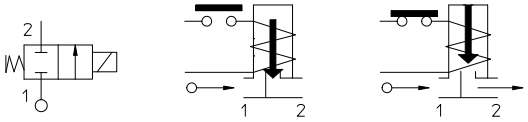
COIL: 5W - Ø 10

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) 40 bar
Ambient temperature:
See coils catalogue page for its compatibility.

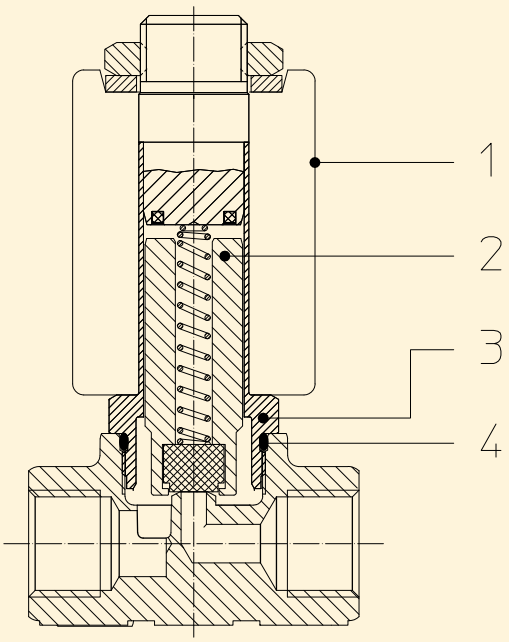
Gaskets	Temperature		Medium
V=FKM (fluoroelastomer)	- 10°C	+140°C	Air, water, inert gas,steam



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	21JN1R1***V***12-T3	12	~ 2	1,2	1	2,5	0	20	3,5
						5		25	12
	21JN1R1***V***23-T3	37	~ 5	2,3	2,3	2,5		6	-
						5		18	8

NSF CERTIFIED

Note
Available on request and with minimum quantities.



MATERIALS:

Body	Low Lead Brass
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	Nickel plated 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.

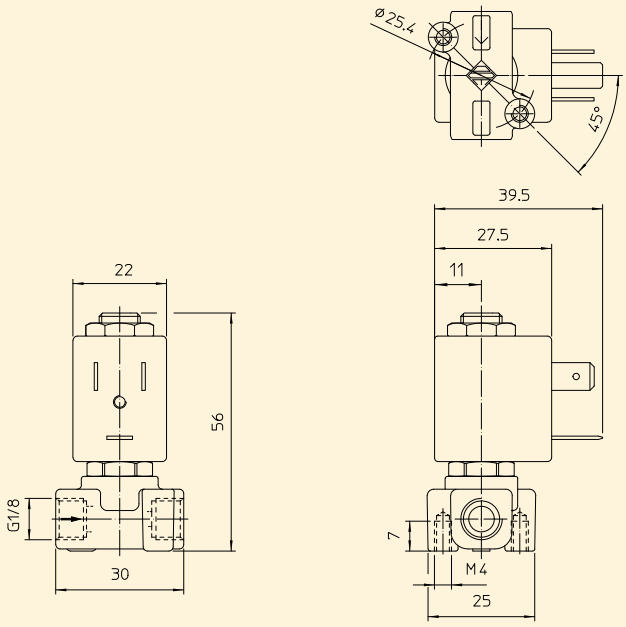
SPARE PARTS:

1. **Coil:**
   See coils list
2. **Complete plunger:**
   Code R452867/***VX***
3. **Complete armature tube:**
   Code R452062/***D***
4. **Gasket O-Ring:**
   Code R990597/***VX***

KIT:

KT100R1***V***X25-FJ=***2+3+4***

DIMENSIONS:



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