



**Solenoid valve Water Air Steam 140 Degrees Diesel
fuel oil - Direct acting - Normally Closed
FKM = VITON / NBR = BUNA / CR**

21JN1R0V12

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21JN1R0V23

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

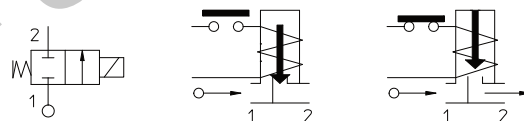
Ambient temperature:

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
N=CR (Neoprene)	- 30°C	+ 90°C	R134a

For seals other than FKM replace the letter "V" with the ones corresponding to the other seals. E.I 21JN1R0B12.



Pipe ISO 228/1	Code	Max viscosity		Ø mm	Kv l/mn	Power watt	Pressure		
		cSt	°E				min bar	M.O.P.D.	
G 1/8	21JN1R0V12	12	~ 2	1,2	1	2,5	0	20	3,5
						5		25	12
	21JN1R0V23	37	~ 5	2,3	2,3	2,5		6	-
						5		18	8

Note

Available also with brass body without lead. Solenoid valves used for the steam of pod coffee machines.

IDROENERGIAITALIA

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Sede Legale

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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 N=CR
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

KIT:

KT100R0V25-FJ=2+3+4

2. Complete plunger:

Code R453740/VX

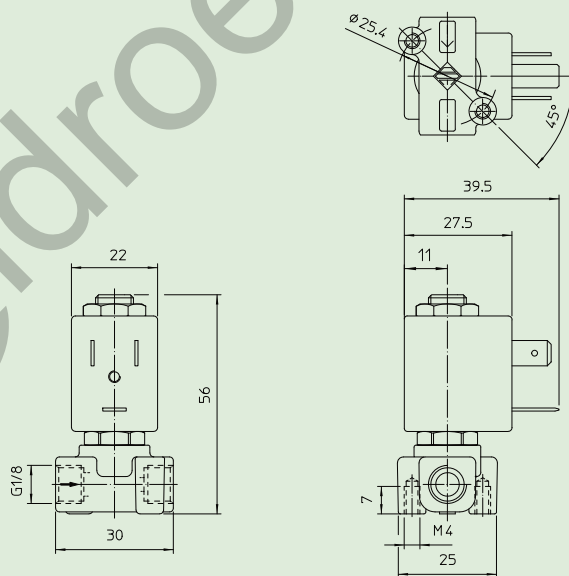
3. Complete armature tube:

Code R452062

4. Gasket O-Ring:

Code R990597/V

DIMENSIONS:



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